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TEXAS TRENDS

Texas 2000 Project
Office of the Governor
State of Texas
August 1980

ACKNOWLEDGEMENTS

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INTRODUCTION

TEXAS TRENDS is the first publication of Texas 2000, a long-range planning project for the state of Texas. Any serious effort to do long-range planning requires the development of a body of reliable information about the population, economy, natural resources and public finances of the state. This first edition of TEXAS TRENDS is a reference work, a compilation of past and present data which traces the growth of Texas throughout the last three decades. The data in this document have been gathered and, in many cases, published by state or federal agencies or by private groups. The value of TEXAS TRENDS is in the diversity of the information included and the commitment to putting the information in an historical perspective wherever this could accurately be done.

TEXAS TRENDS is intended to be a resource for the Legislature, the Governor and all organizations, public and private. Your comments and suggestions regarding the contents and their presentation will be appreciated so we may better serve your needs in future editions.

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POPULATION

Size and growth
Distribution
Components of change
Composition
Education and income
Population and income
Population and employment

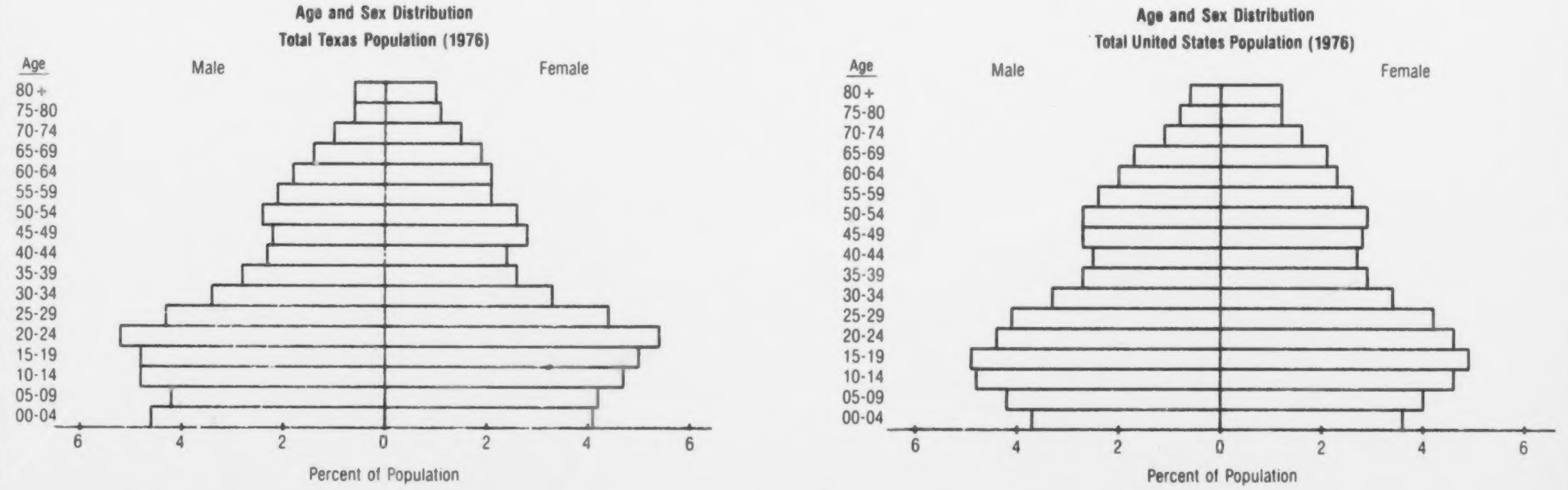
N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE I-1

Age Distribution of the Population in 1976: Texas and United States

Age Group	Texas		United States	
	Male	Female	Male	Female
0- 4	564.678	501.431	7.888.561	7.557.819
5- 9	522.625	522.783	8.831.899	8.491.199
10-14	587.559	577.781	10.125.587	9.717.187
15-19	587.866	620.680	10.340.837	10.383.309
20-24	641.850	668.979	9.313.470	9.641.390
25-29	532.980	541.457	8.583.029	8.826.513
30-34	420.319	402.230	6.877.882	7.142.891
35-39	345.371	324.080	5.677.492	6.050.131
40-44	279.929	297.644	5.385.142	5.684.276
45-49	273.908	343.951	5.621.049	5.961.943
50-54	300.840	324.792	5.700.057	6.181.420
55-59	254.249	264.781	5.052.586	5.562.633
60-64	221.894	261.624	4.287.374	4.905.606
65-69	171.034	236.668	3.558.971	4.516.510
70-74	117.668	183.718	2.416.399	3.288.418
75-79	79.320	139.633	1.617.302	2.536.955
80-84	47.991	80.991	860.575	1.541.866
85 +	24.020	40.154	476.516	907.586
TOTAL	5.974.101	6.333.380	102.614.728	108.902.654

FIGURE I-1



Population pyramids prepared by the Population Research Center of the University of Texas at Austin.

FIGURE I-2

Estimated 1978 Population Density:

Persons Per Square Mile In Texas Counties

(Excludes Water Areas)

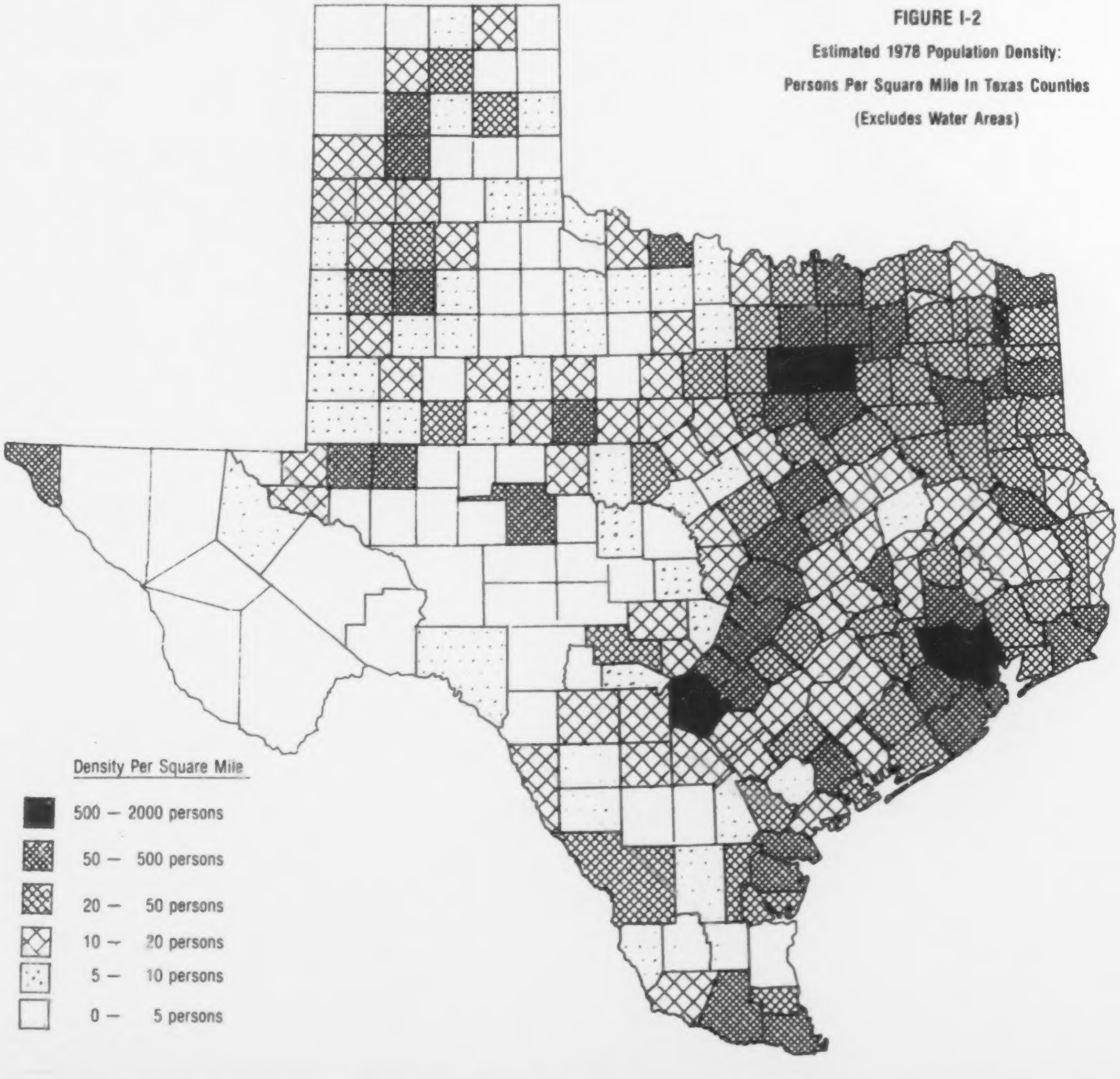

Density Per Square Mile
500 — 2000 persons
50 — 500 persons
20 — 50 persons
10 — 20 persons
5 — 10 persons
0 — 5 persons

TABLE I-2

Total Population Of Texas: 1850-1979

Total Population		Change In Population		
Year	Number	Decade	Number	Percent
1850	212,592			
1860	604,215	1850-1860	391,623	184.2%
1870	818,579	1860-1870	214,364	35.5
1880	1,591,749	1870-1880	773,170	94.5
1890	2,235,527	1880-1890	643,778	40.4
1900	3,048,710	1890-1900	813,183	36.4
1910	3,896,542	1900-1910	847,832	27.8
1920	4,663,228	1910-1920	766,686	19.7
1930	5,824,715	1920-1930	1,161,487	24.9
1940	6,414,824	1930-1940	590,109	10.1
1950	7,711,194	1940-1950	1,296,370	20.2
1960	9,579,677	1950-1960	1,868,483	24.2
1970	11,196,730	1960-1970	1,617,053	16.9
1979	13,380,000	1970-1979	2,183,000	19.5

Source: U.S. Bureau of the Census, U.S. Census of Population: 1970, *Number of Inhabitants*, Final Report PC(1)-A45, Texas, Table I; and *Current Population Reports*, Series P-25, No. 875, Table 1.

TABLE I-3

Total Population, Percent Change And Population Density[1] By Decade: Texas And United States

Year	Texas	United States
1950	7,711,194	151,325,798
% Change, 1940-50	20.2%	14.5%
Density	29.3	42.6
1960	9,579,677	179,323,175
% Change, 1950-60	24.2%	18.5%
Density	36.4	50.6
1970	11,196,730	203,211,926
% Change, 1960-70	16.9%	13.3%
Density	42.7	57.4
1979 (provisional)	13,380,000 (rounded)	220,099,000 (rounded)
% Change, 1970-79	19.5%	7.5%
Density	51.0	62.2

[1] Density = Population per square mile of land area.

Sources: U.S. Bureau of the Census, *U.S. Census of the Population: 1950 to 1970, Vol. 1; Current Population Reports*, Series P-25 and P-26; and *Statistical Abstract of the U.S.*, 1979.

TABLE I-4

Growth Rate: U.S., Texas, and Five Largest States

	1960-1970		1970-1977	
	Net Change		Net Change	
	Number (000's)	Percent	Number (000's)	Percent
U.S.	23,912	13.3%	13,081	6.4%
Texas	1,617	16.9	1,607	14.4
California	4,236	27.0	1,916	9.6
New York	1,458	8.7	- 309	- 1.7
Pennsylvania	475	4.2	- 4	0.0
Ohio	946	9.7	39	.4
Illinois	1,033	10.2	117	1.1

Source: U.S. Bureau of the Census, *Statistical Abstract of the United States* 1979, Table 12; and *Current Population Reports*, Series P-25, No. 876, Table 2.

FIGURE I-3

Growth Rates: U.S., Texas and Selected States

1960-1977

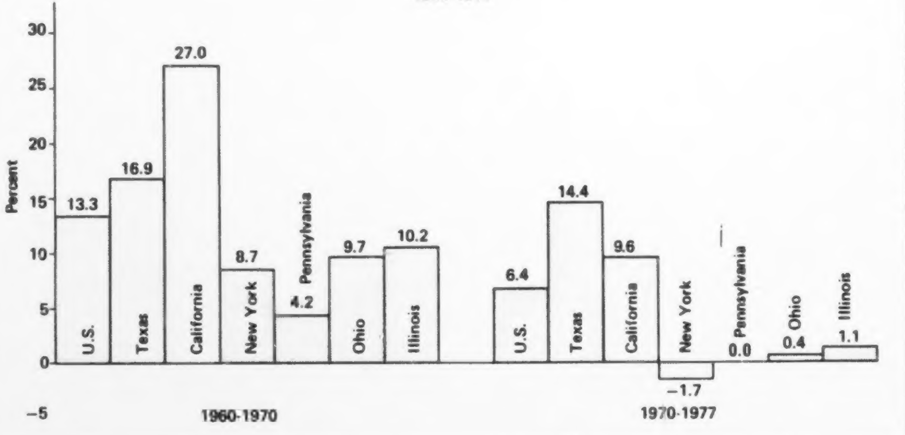


TABLE I-5

Total Population And Total Number Of Households, By Sex Of Family Head

And Average Number Of Persons Per Household:

Texas, 1950-1970

	1950	1960	1970
Total Population (000's)	7,711	9,580	11,197
Persons In Households (000's)	7,420	9,341	10,888
No. Of Households (000's)	2,175	2,778	3,434
Family Head: Male (000's)	1,869	2,318	2,525
Family Head: Female (000's)	305	459	284
Average No. Of Persons Per Household	3.40	3.36	3.17

Source: U.S. Bureau of the Census, Census of Population: 1970. *General Social and Economic Characteristics.* Final Report PC(1)-C 45, Texas; Census of Population: 1960. Vol. I. *Characteristics of Population.* Part 45, Texas; and Census of Population: 1950. Vol. II. *Characteristics of Population.* Part 43, Texas.

TABLE I-6

Texas Population Classified By Residence, 1850-1970

Year	Total	Urban		Rural	
		Number	Percent	Number	Percent
1850	212,592	7,665	3.6%	204,927	96.4%
1860	604,215	26,615	4.4	577,600	95.6
1870	818,579	54,521	6.7	764,058	93.3
1880	1,591,749	146,795	9.2	1,444,954	90.8
1890	2,235,527	349,511	15.6	1,886,016	84.4
1900	3,048,710	520,759	17.1	2,527,951	82.9
1910	3,896,542	938,104	24.1	2,958,438	75.9
1920	4,663,228	1,512,689	32.4	3,150,539	67.6
1930	5,824,715	2,389,348	41.0	3,435,367	59.0
1940	6,414,824	2,911,389	45.4	3,503,435	54.6
1950	7,711,194	4,838,060	62.7	2,873,134	37.3
1960	9,579,677	7,187,470	75.0	2,392,207	25.0
1970	11,196,730	8,929,832	79.7	2,266,808	20.3

Source: U.S. Bureau of the Census, U.S. Census of Population: 1970, *Number of Inhabibitants*, Final Report PC(1)-A45, Texas, Table 1.

TABLE I-7

Texas Rural And Urban Population By Size Of Place

	1950		1960		1970	
	Total	% Of Total	Total	% Of Total	Total	% Of Total
Total Urban Pop.	4,838,060	62.7%	7,187,470	75.0%	8,920,946	79.7%
Places Of:						
1,000,000 or more	0	0	0	0	1,231,394	11.0
500,000 to 1,000,000	596,163	7.7	2,205,621	23.0	1,498,554	13.4
250,000 to 500,000	1,121,682	14.5	632,955	6.6	967,545	8.6
100,000 to 250,000	371,231	4.8	841,794	8.8	596,555	5.3
50,000 to 100,000	620,856	8.0	694,450	7.3	1,247,418	11.2
25,000 to 50,000	175,566	2.3	639,624	6.7	664,063	5.9
10,000 to 25,000	806,434	10.5	940,467	9.8	1,201,625	10.7
Less than 10,000	1,146,128	14.9	1,232,559	12.9	1,513,792	13.5
Total Rural Pop.	2,873,134	37.3%	2,392,207	25.0%	2,275,784	20.3%
Places Of:						
1,000 to 2,500	361,654	4.7	386,855	4.0	389,330	3.5
Less than 1,000	138,920	1.8	151,685	1.6	153,109	1.4
Other rural	2,372,560	30.8	1,853,667	19.3	1,733,345	15.5

Source: U.S. Bureau of the Census, U.S. Census of Population: 1970, *Number of Inhabitants*, Final Report PC (1)-A45.

TABLE I-8

Metropolitan[1] and Non-Metropolitan Area Population:

Texas and United States

	Metropolitan Area			Non-Metropolitan Area		
	Population (000's)	Percent of State	Percent Change	Population (000's)	Percent of State	Percent Change
Texas						
1950	4,838	62.7%	N.A.	2,873	37.3%	N.A.
1960	6,657	69.5	+37.6%	2,923	3.05	+ 1.7%
1970	8,234	73.5	+23.7	2,962	26.5	+ 1.3
1977	10,173	79.4	+23.5	2,632	20.6	-11.1
United States						
1950	84,854	56.1%	+22.0%	66,472	43.9%	+ 7.0%
1960	112,885	63.0	+33.0	66,438	37.0	- 0.1
1970	139,419	68.6	+23.5	63,793	31.4	- 4.0
1977	157,968	73.0	+13.3	58,570	27.0	- 8.2

[1] Metropolitan area definition as of year shown.

Source: U.S. Bureau of the Census, *U.S. Statistical Abstract, 1973*, Table 19. *U.S. Statistical Abstract, 1979*, Tables 14 and 19. *Historical Statistics of the U.S., Colonial Times to 1970*. Part I, 1976. *Current Population Reports*, Series P-25, No. 867, Table 2.

TABLE I-9

Rank by Population of the 20 Major SMSA's in the

United States

Rank by 1977 Population	Population (000's)			Population Change 1970-1977		
	1960	1970	1977	Number (000's)	Percent Change	Net Migration (000's)
1. New York	9,540	9,974	9,387	- 587	- 5.9%	- 849
2. Los Angeles	6,039	7,042	7,031	- 11	- 0.2	- 389
3. Chicago	6,221	6,977	7,017	40	0.6	- 317
4. Philadelphia	4,343	4,824	4,794	- 30	- 0.6	- 179
5. Detroit	3,950	4,435	4,370	- 65	- 1.5	- 293
6. Boston	3,457	3,849	3,898	49	1.3	- 52
7. San Francisco Oakland	2,649	3,109	3,182	73	2.3	- 27
8. Washington, D.C.	2,097	2,910	3,033	123	4.2	- 58
9. Nassau–Suffolk, N.Y.	1,967	2,556	2,688	132	5.2	46
10. Dallas	1,738	2,378	2,673	296	12.4	121
11. Houston	1,430	1,999	2,512	513	25.7	322
12. St. Louis	2,144	2,411	2,380	- 31	- 1.3	- 134
13. Pittsburgh	2,405	2,401	2,294	- 107	- 4.5	- 135
14. Baltimore	1,804	2,071	2,147	76	3.7	4
15. Minneapolis–St. Paul	1,598	1,965	2,037	72	3.6	- 43
16. Newark, N.J	1,833	2,057	1,969	- 88	- 4.3	- 151
17. Cleveland	1,909	2,064	1,950	- 114	- 5.5	- 186
18. Atlanta	1,169	1,596	1,832	236	14.8	113
19. Anaheim, CA.	704	1,421	1,801	380	26.7	272
20. San Diego	1,033	1,358	1,683	325	23.9	237

Source: U.S. Bureau of the Census, *U.S. Statistical Abstract, 1979*, Table 20.

TABLE I-10

Population Of Texas SMSA's: 1960-1977

	1960	1970		1977	
	Total	Total	Change 1960-70	Total	Change 1970-77
Abilene	128,306	122,164	-4.8%	130,600	6.9%
Amarillo	149,493	144,396	-3.4	157,300	9.0
Austin	267,114	360,463	34.9	467,900	29.8
Beaumont-Port Arthur-Orange	330,645	345,939	4.6	364,400	4.8
Brownsville-Harlingen-San Benito	151,098	140,368	-7.1	176,600	25.8
Bryan-College Station	44,895	57,978	29.1	73,500	26.7
Corpus Christi	266,594	284,832	6.8	302,800	6.3
Dallas-Ft. Worth	1,737,960	2,377,979	36.8	2,673,200	12.4
El Paso	314,070	359,291	14.4	436,300	21.4
Galveston-Texas City	140,364	169,821	21.0	195,000	14.8
Houston	1,420,394	1,999,316	35.4	2,502,700	25.2
Killeen-Temple	118,058	159,794	40.8	208,100	30.2
Laredo	64,791	72,859	5.0	85,300	17.0
Longview-Marshall	115,030	120,770	12.5	131,500	8.9
Lubbock	156,271	179,295	14.7	200,200	11.6
McAllen-Pharr-Edinburg	180,904	181,535	0.3	234,100	28.9
Midland	67,717	65,433	-3.4	72,500	10.8
Odessa	90,995	91,805	0.9	102,800	10.9
San Angelo	64,630	71,047	9.9	76,700	7.9
San Antonio	736,012	888,179	20.7	1,023,000	15.2
Sherman-Denison	73,043	83,225	13.9	84,100	1.1
Texarkana, Tx.	59,971	67,813	13.1	73,200	6.2
Tyler	86,350	97,096	12.4	111,700	15.0
Waco	150,901	147,553	-1.7	159,400	8.1
Wichita Falls	131,879	129,941	-1.5	130,900	1.8
Total Metropolitan Population	7,046,675	8,718,883	+23.7	10,173,500	+16.7
Non-Metropolitan Population	2,533,002	2,477,847	-2.2	2,632,200	+ 6.2
TOTAL POPULATION	9,579,677	11,196,730	+16.9	12,805,700	+14.4

SMSA totals are adjusted to current definitions of SMSA's. Totals may not add due to rounding.

Sources: U.S. Bureau of the Census, *Number of Inhabitants, Texas, 1960*, and *1970 Census of Population*: *Current Population Reports*, Series P-25, No. 876.

FIGURE I-4
Components of Population Growth in Texas 1940-1978

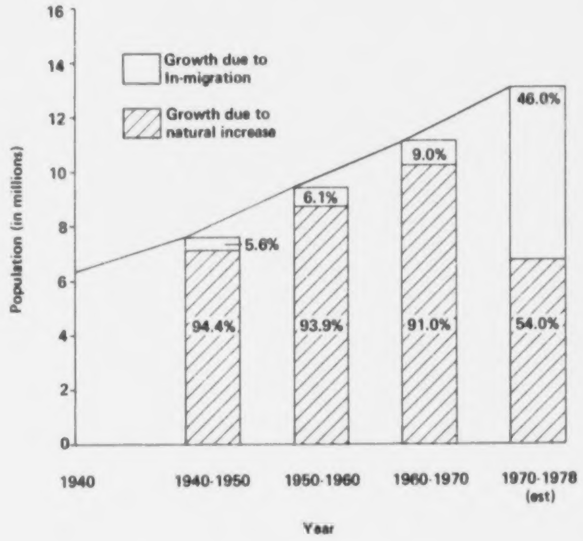


TABLE I-11

Texas Population Growth[1] by Source: 1940-1979

Decade	Births	Deaths	Natural Increase	Net Migration	Net Growth	Growth Due To Natural Increase	Growth Due To In-Migration	Percent Change
1940-50	1,846,000	622,000	1,224,000	73,000	1,296,000	94.4%	5.6%	+20.2%
1950-60	2,442,000	687,000	1,755,000	114,000	1,869,000	93.9	6.1	24.2
1960-70	2,318,000	847,000	1,471,000	146,000	1,617,000	91.0	9.0	16.9
1970-79 (provisional estimates)	2,058,000	921,000	1,137,000	1,045,000	2,182,000	52.1	47.9	19.5

[1] Components of change are rounded to nearest thousand from figures computed to last digit. Percentages are based on unrounded figures.

Sources: U.S. Bureau of the Census, Current Population Reports, Series P-25, Nos. 72, 227, 460, 876.

TABLE I-12

Births, Deaths, Net Migration and Net Change Rates for Metropolitan and Non-Metropolitan Areas: Texas, 1950-1977

Decade	Births	Deaths[1]	Net Migration	Net Change
1950 - 1960				
Metropolitan	1,535,000	382,000	+651,336	1,804,336
Non-Metropolitan	907,000	305,000	−537,505	64,147
State	2,442,000	687,000	−113,800	1,868,483
1960 - 1970				
Metropolitan	1,717,902	542,688	+402,684	1,577,898
Non-Metropolitan	599,903	304,081	−256,667	39,155
State	2,317,805	846,769	+146,017	1,617,053
1970 - 1977 (est.)				
Metropolitan	1,284,600	504,100	+672,200	1,452,700
Non-Metropolitan	298,600	210,700	− 66,300	154,400
State	1,583,200	714,800	+738,500	1,607,100

[1] 1950-60 Birth and death statistics are rounded to nearest 1,000. 1970-77 statistics independently rounded to nearest 100.

Sources: U.S. Bureau of the Census, *Current Population Reports*, Series P-23, No. 7, Series P-25, No. 867, and *1970 Census of Population and Housing*, PHC (2) - 45.

TABLE I-14

Texas Age-Specific Fertility Rates[1]

Age Intervals	1950	1960	1970	Percent Change 1950-60	Percent Change 1960-70
Less than 15	1	2	2	+ 30.8%	- 5.9%
15 - 19	108	114	85	+ 5.6	- 25.4
20 - 24	216	269	186	+ 24.5	- 30.8
25 - 29	164	189	146	+ 15.2	- 22.7
30 - 34	101	109	72	+ 7.9	- 33.9
35 - 39	53	54	33	+ 1.9	- 38.9
40 - 44	16	16	9	+ 0.0	- 43.8
45 +	2	1	1	- 50.0	- 22.2

[1] Fertility Rate = the number of live births per 1,000 women. Rates are rounded to the nearest whole number.

Source: "Texas Population in 1970: Trends in Fertility, 1950-1970." *Texas Business Review*, November 1973.

TABLE I-13

Total Fertility Rates: Texas and United States

	Total Fertility Rates[1] Texas	Total and By Race U.S. Total	White	Non-White
1950	3,297	3,091	2,977	3,928
1960	3,765	3,654	3,533	4,522
1970	2,664	2,480	2,385	3,067
1975	NA	1,799	1,708	2,322
1977	NA	1,826	1,735	2,343

[1] Fertility Rate = the sum of the age-specific birth rates of women 15-44 as observed in a given year.

Source: U.S. Bureau of the Census, *Historical Statistics of U.S.*, Vol. I Series, B11-19, and "Texas Population in 1970: Trends in Fertility, 1950-1970," *Texas Business Review*, November 1973.

TABLE I-15

Age Distribution Of The Texas Population: 1960-1970

Age Group	1960	1970	Change, 1960-70 Number	Change, 1960-70 Percent	Percent Distribution 1960	Percent Distribution 1970
Under 5	1,162,019	1,000,509	-161,510	-13.9%	12.1%	8.9%
5 to 9	1,074,511	1,145,250	70,739	6.6	11.2	10.2
10 to 14	935,704	1,182,709	247,005	27.8	9.8	10.6
15 to 19	746,429	1,092,752	346,323	46.3	7.8	9.8
20 to 24	625,658	958,507	332,849	52.4	6.5	8.6
25 to 29	624,622	762,641	138,019	22.1	6.5	6.8
30 to 34	651,444	644,455	- 6,989	-10.7	6.8	5.8
35 to 39	650,349	627,844	-22,505	-3.5	6.8	5.6
40 to 44	572,546	649,741	77,195	13.5	6.0	5.8
45 to 49	552,978	630,966	77,988	12.1	5.8	5.6
50 to 54	486,297	552,532	66,235	13.6	5.1	4.9
55 to 59	420,154	510,476	90,322	21.5	4.4	4.6
60 to 64	331,575	446,289	114,714	34.6	3.5	4.0
65 to 69	282,797	362,043	79,246	21.9	3.0	3.2
70 to 74	210,552	265,715	55,163	26.2	2.2	2.4
75 and over	252,042	364,301	112,259	44.5	2.6	3.3
All Ages	9,579,677	11,196,730	1,617,053	16.9	100.0	100.0

Source: U.S. Bureau of the Census, U.S. Census of Population: 1970, *General Population Characteristics*, Final Report PC(1)-B45, Texas, Table 21.

TABLE I-16

Male To Female Ratio[1] By Age Groups: Texas and United States 1950-1970

	Texas			United States		
	1950	1960	1970	1950	1960	1970
All Ages	99.8	98.1	95.8	98.6	97.1	94.8
Under 15	103.2	103.4	103.4	103.7	103.4	103.9
15 - 24	101.2	102.2	100.5	98.2	98.7	98.7
25 - 44	98.0	96.0	95.5	96.4	95.7	95.6
45 - 64	100.5	95.8	92.6	100.1	95.7	91.6
65 +	88.9	82.0	73.0	89.6	82.8	72.1
Median Age	27.9	26.9	26.5	30.2	29.5	28.0

[1] Male to Female Ratio = the number of males per 100 females

Source: Texas ratios computed from Table 59, U.S. Bureau of the Census, Census of Population: 1970, *General Social and Economic Characteristics*, Final Report PC (1)-C45, Texas and Table 96, Census of Population: 1960, *General Social and Economic Characteristics*, Final Report PC (1)-C45, Texas. U.S. ratios obtained from U.S. Bureau of the Census, *U.S. Statistical Abstract, 1979.*

TABLE I-17

Index Of Aging[1] For Texas And United States

	1950	1960	1970	1976 (est.)
Texas	18.0	20.5	24.7	27.9
United States	26.1	25.8	28.7	33.3

[1] The index of aging expresses the relationship of the young to the old in a given population. It is calculated here as the number of persons 65 years and over in the population per 100 persons aged 0-17 years.

Sources: Bureau of the Census, *Detailed Characteristics, Texas* and *Characteristics of the Population, U.S. Summary*, 1960 and 1970. *Current Population Reports*, Series P-20, No. 334.

TABLE I-18

Age Dependency Ratios[1] For Texas And United States

	1950	1960	1970	1976 (est.)
Texas	35.9	40.7	38.7	35.7
United States	35.1	40.3	38.3	35.1

[1] Age-dependency ratios = the proportion of persons in the "dependent" ages (under 15 and over 64 years) per 100 persons in the "economically productive" ages (15-64 years) in the population.

Sources: U.S. Bureau of the Census, *Detailed Characteristics, Texas* and *Characteristics of the Population, U.S. Summary*, 1960 and 1970, and *Current Population Reports*, Series P-20, No. 334.

TABLE I-19

Racial And Ethnic Composition Of the Texas Population, 1970

Racial or Ethnic Category	Number	Percent
Total Population	11,196,730	100.0%
White Population	9,717,128	86.8
"Anglo"	7,694,288	68.7
Spanish language or surname	2,022,840	18.1
Non-White Population	1,479,602	13.2
Black[1]	1,399,005	12.5
Spanish language or surname (Non-Black)	14,177	0.1
Other	66,420	0.6

[1] This figure includes 22,654 Spanish language or surname persons who designated themselves as other than "White" or "Black" in the 1970 census.

Source: U.S. Bureau of the Census, U.S. Census of Population: 1970, *General Population Characteristics*, PC (1)-C45, Texas, Table 49.

TABLE I-20

Age And Sex Of Population By Urban And Rural

Place Of Residence: Texas, 1970

	Urban	Rural - Non-Farm	Rural	TOTAL
MALE				
Median Age	24.6	27.4	40.8	25.3
TOTAL	4,344,613	937,470	196,814	5,478,897
0-4 Years	416,387	80,538	10,586	507,511
5-9 Years	469,131	99,077	15,610	583,818
10-14 Years	475,140	108,920	20,232	604,292
15-19 Years	441,670	97,396	19,967	559,033
20-24 Years	400,508	56,923	7,443	464,874
25-29 Years	313,011	53,514	6,553	373,078
30-34 Years	257,986	50,415	7,228	315,629
35-39 Years	246,777	50,857	8,941	306,575
40-44 Years	252,904	51,923	11,104	315,931
45-49 Years	242,619	48,810	12,732	304,161
50-54 Years	206,858	46,004	14,517	267,379
55-59 Years	182,880	46,360	16,477	245,717
60-64 Years	151,622	44,693	15,549	211,864
65 Years & Over	287,120	102,040	29,875	419,035
FEMALE				
Median Age	26.8	29.8	40.5	27.6
TOTAL	4,583,920	943,254	189,360	5,716,534
0-4 Years	402,817	77,796	10,334	490,947
5-9 Years	457,309	95,398	15,273	567,980
10-14 Years	462,709	99,962	17,898	580,569
15-19 Years	438,543	85,840	17,233	541,616
20-24 Years	412,423	58,464	6,749	477,636
25-29 Years	319,851	56,041	7,272	383,164
30-34 Years	269,841	52,718	8,434	330,993
35-39 Years	261,094	51,711	10,308	323,113
40-44 Years	272,892	50,608	11,516	335,016
45-49 Years	260,465	50,321	13,125	323,911
50-54 Years	219,322	47,343	15,100	281,765
55-59 Years	203,555	49,715	15,784	269,054
60-64 Years	175,575	46,735	14,330	236,640
65 Years & Over	427,524	120,602	26,004	574,130

Source: U.S. Bureau of the Census, Census of Population: 1970. *General Social and Economic Characteristics*. Final Report PC (1)-C45, Texas. Table 48.

FIGURE I-5

Age and Sex Distribution

Texas Urban Population (1970)

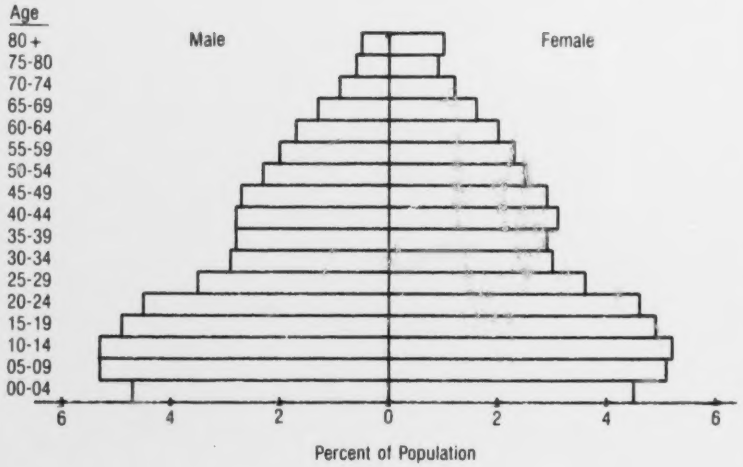
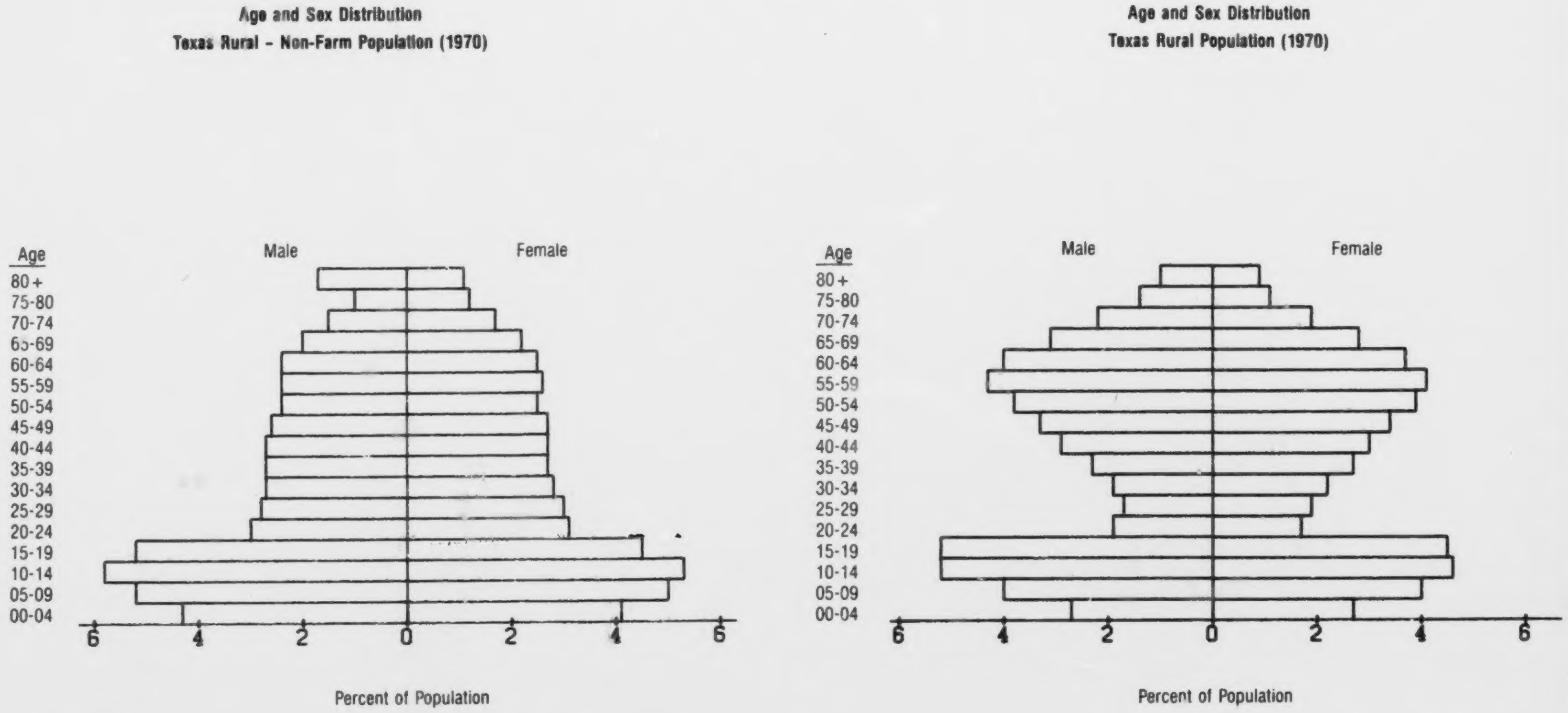


FIGURE I-5



Age and Sex Distribution
Texas Rural - Non-Farm Population (1970)

Age and Sex Distribution
Texas Rural Population (1970)

Population pyramids prepared by the Population Research Center of the University of Texas at Austin.

TABLE I-21

Selected Demographic, Social And Economic Characteristics

Of Black And Hispanic Populations: Texas and United States, 1976

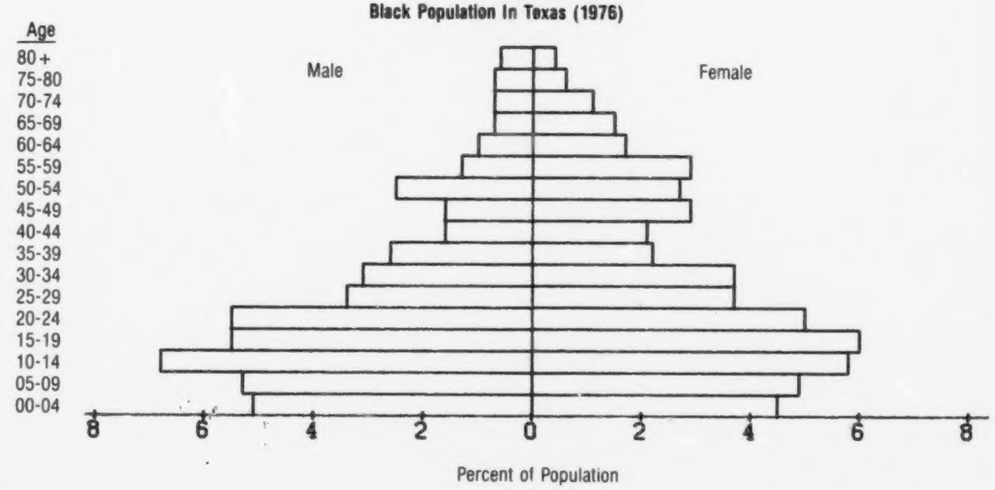
	Black		Hispanic	
	Texas	**U.S.**	**Texas**	**U.S.**
Age				
Percent: under 5	9.4%	9.7%	13.3%	12.4%
18 Years and over	60.9	61.0	54.4	56.2
65 Years and over	8.1	7.4	4.3	4.2
Education				
Percent: Less than 5 Years of school	7.6	8.6	22.0	14.2
4 Years of High School or more	53.9	49.3	39.9	44.9
Income				
Percent: Income below $5,000	57.0	55.8	57.7	51.2
Income above 25,000	N/A	0.5	0.9	1.3
Median income				
Male	$ 5,981	$ 5,765	$4,218[1]	$4,857[1]
Female	2,531	3,273		
Family Residence				
Metropolitan	77.9%	79.1%	69.9%	82.6%
Non-Metropolitan	22.1	20.9	30.1	17.4
Family Income				
Percent: Less than $4,000	15.6	18.2	17.2	14.4
$15,000 or more	19.5	25.1	21.3	25.0
Median Family income	$ 8,791	$ 9,045	N/A	N/A
Poverty Status of Families				
Percent below poverty level	21.2%	25.8%	26.5%	22.1%

[1] Male-Female combined.

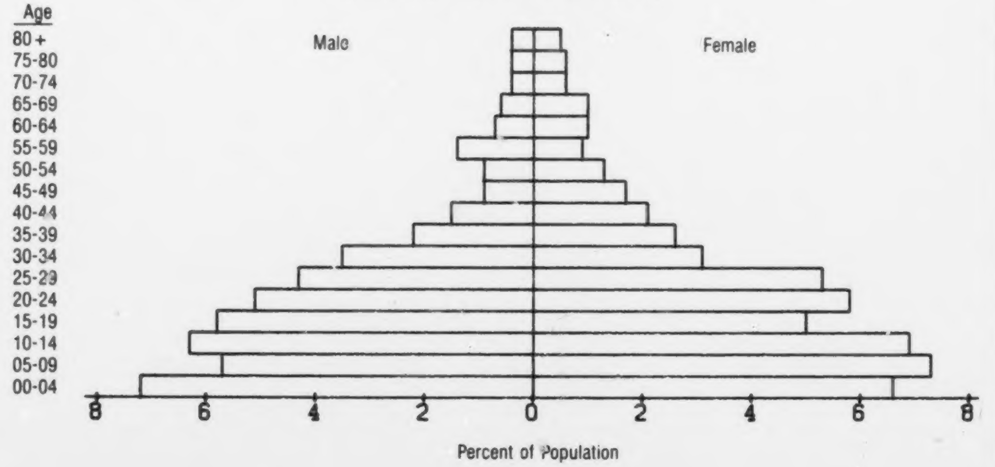
Source: U.S. Bureau of the Census, *Current Population Reports*, Series P-20, No. 334.

FIGURE I-6

Age and Sex Distribution
Black Population In Texas (1976)



Age and Sex Distribution
Spanish Origin Population In Texas (1976)



Population pyramids prepared by the Population Research Center of the University of Texas at Austin.

TABLE I-22

Median Number Of Years Of School

Completed For All Persons 25 And Over:

Texas and United States

	1950	1960	1970
Texas			
Total	9.3	10.4	11.6
White	9.7	10.8	11.9
Black/Other	7.0	8.1	9.8
United States			
Total	9.3	10.6	12.2
White	N/A	10.9	12.2
Black/Other	6.8	8.0	9.9

Source: U.S. Bureau of the Census. *U.S. Statistical Abstract, 1979*, Tables No. 228 & 231. U.S. Census of Population: 1960. *General Social and Economic Characteristics*. Texas. Final Report PC(1)-45C Table 47.

TABLE I-24

Median Annual Income Of Persons By Race,

Ethnicity And Sex: Texas

	1950	1960	1970
Total, 14 Years & Over	$ 1,546	$2,360	$ 3,663
White	1,754	2,632	3,897
Black	817	1,167	2,383
Spanish Surname	N.A.	N.A.	2,902
Male, 14 Years & Over	2,090	3,443	5,632
White	2,272	3,756	6,031
Black	1,203	1,916	3,597
Spanish Surname	N.A.	N.A.	3,917
Female, 14 Years & Over	759	1,046	1,995
White	860	1,197	2,112
Black	450	770	1,618
Spanish Surname	N.A.	N.A.	1,610

Source: U.S. Bureau of the Census. Census of Population: 1960, 1970. *Detailed Characteristics: Texas*. Final Report PC(1)-45D. U.S. Census of the Population. *Characteristics of the Population*, Part 43, Texas.

TABLE I-23

Median Income Of Families By Race And Ethnicity Of Family Head[1]

And Selected Industry: Texas, 1970

	Total	White	Black	Spanish-Surname
Total	$ 8,486	$ 8,926	$ 5,330	$ 5,897
Agriculture	5,503	5,743	3,515	3,766
Mining	10,957	11,071	7,306	7,108
Construction	8,672	9,021	6,151	6,076
Manufacturing	10,288	10,800	7,224	7,273
Wholesale Trade	10,348	10,835	6,961	6,609
Retail Trade	8,321	8,681	5,578	6,138
Education	10,164	10,552	7,417	6,938
Other Professional Services	10,208	11,264	5,321	7,354
Public Administration	10,638	10,801	8,622	8,753

[1] Family head in experienced civilian labor force.

Source: U.S. Bureau of the Census, Census of Population: 1970. *Detailed Characteristics*. Final Report PC(1)-D45, Texas, Section 2.

TABLE I-25

Median Earnings By Sex And Race:

Texas And United States, 1975

Texas	All	College Graduates
Male: All	$ 11,701	$ 16,312
White	12,073	N.A.
Black	8,239	N.A.
Female: All	6,679	9,969
White	6,755	N.A.
Black	5,918	N.A.
United States		
Male: All	$ 12,770	$ 17,891
White	13,068	N.A.
Black	9,625	N.A.
Female: All	7,531	10,861
White	7,560	N.A.
Black	7,243	N.A.

Source: U.S. Bureau of Labor Statistics, *Work And Area*, Report 536.

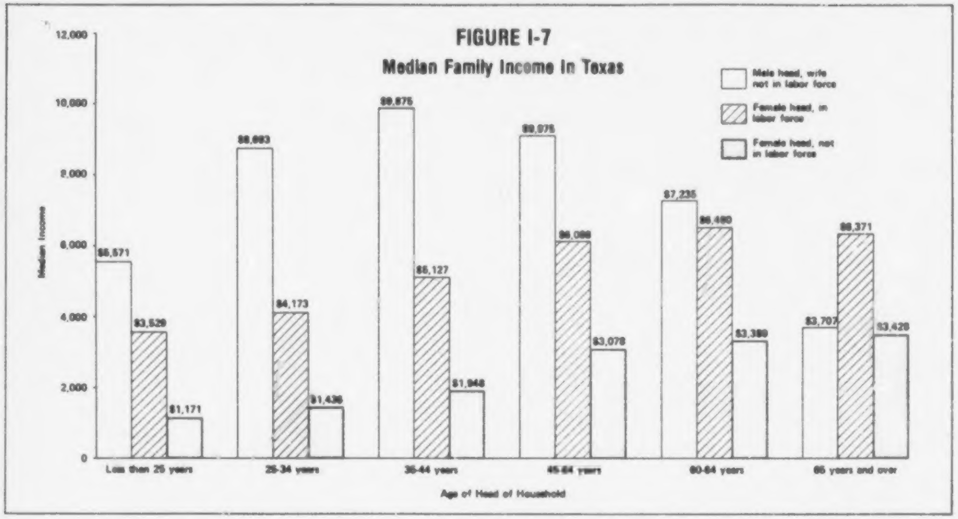


FIGURE I-7

Median Family Income In Texas

TABLE I-26

Median Family Income By Age And Sex Of Family Head: Texas, 1970

Age Of Family Head	All Family Heads	1970 MALE HEAD Wife In Labor Force	1970 MALE HEAD Wife Not In Labor Force	1970 FEMALE HEAD In Labor Force	1970 FEMALE HEAD Not In Labor Force
Total	$ 8,514	$10,821	$ 8,008	$ 5,069	$ 2,716
Less than 25 Years	5,978	7,231	5,571	3,529	1,171
25 - 34 Years	8,968	10,716	8,693	4,173	1,436
35 - 44 Years	10,118	12,112	9,875	5,127	1,948
45 - 64 Years	9,565	11,812	9,075	6,088	3,078
60 - 64 Years	7,626	9,530	7,235	6,490	3,389
65 And Over	4,078	6,603	3,707	6,371	3,428

Source: U.S. Bureau of the Census, Census of Population: 1970. *Detailed Characteristics*. Final Report PC(1)-D45. Texas. Section 2. Table 198.

TABLE I-27

Number And Percent Of Persons In Families And Unrelated Individuals Below Poverty Level,

By Urban/Rural Residence, Age, And Ethnicity: Texas, 1970

(in thousands)

	Urban Number	Urban Percent	Rural Non-Farm Number	Rural Non-Farm Percent	Rural Farm Number	Rural Farm Percent	Total Number	Total Percent
Total: All Family Members	1,214	15.1%	425	24.6%	71	19.2%	1710	16.9%
Under 25 Years	763	18.7	231	27.9	32	22.9	1,026	20.3
25 - 44 Years	214	10.5	68	17.1	11	15.7	293	11.7
45 - 64 Years	142	9.8	67	19.5	18	15.7	227	11.9
65 Years & Over	96	20.7	59	38.0	10	21.7	165	24.8
Black: All Family Members	339	32.6	103	54.4	NA	NA	449	36.1
Under 25 Years	226	37.7	62	58.8	NA	NA	292	40.9
25 - 44 Years	57	23.7	14	44.2	NA	NA	71	26.1
45 - 64 Years	35	23.8	15	46.4	NA	NA	52	28.1
65 Years & Over	21	39.6	12	60.9	NA	NA	37	45.2
Spanish Surname: All Family Members	527	31.9	147	51.9	18	44.8	693	35.1
Under 25 Years	354	35.2	98	55.3	12	50.9	464	38.5
25 - 44 Years	97	25.3	27	45.9	3	40.5	127	28.3
45 - 64 Years	53	26.1	16	44.3	2	31.7	71	29.0
65 Years & Over	24	38.3	6	55.4	0.6	30.2	31	40.7

Source: U.S. Bureau of the Census, Census of Population: 1970. *General Social and Economic Characteristics*. Final Report PC(1)-C45 Texas.

TABLE I-28

Number And Percent Of Families Below Poverty Level

By Sex, Race, And Age Of Head Of Household: Texas, 1970

	NUMBER			PERCENT		
	All Families	Families W/ Male Head	Families W/ Female Head	All Families	Families W/ Male Head	Families W/ Female Head
Total: All Families	413,804	301,554	112,250	14.7%	11.9%	39.1%
Head Under 25	42,681	32,444	10,237	18.0	14.8	54.0
Head 25 - 44	155,508	101,126	54,382	12.7	9.2	45.9
Head 45 - 64	118,485	88,714	29,771	11.9	9.9	30.5
Head 65 +	97,130	79,270	17,860	26.8	25.5	34.2
White: All Families	311,425	242,435	68,990	12.5	10.6	32.3
Head Under 25	33,359	27,292	6,067	15.9	13.8	47.6
Head 25 - 44	113,392	81,223	32,169	10.5	8.2	38.4
Head 45 - 64	88,805	70,134	18,671	9.9	8.6	24.7
Head 65 +	75,869	63,786	12,083	23.8	23.0	29.1
Black: All Families	100,387	57,671	42,716	32.7	24.6	59.0
Head Under 25	9,068	4,935	4,133	34.7	24.6	67.8
Head 25 - 44	41,083	19,208	21,875	30.2	18.8	64.5
Head 45 - 64	29,212	18,252	10,960	28.8	22.9	50.3
Head 65 +	21,024	15,276	5,748	48.6	46.8	54.4
Spanish Surname: All Families	133,459	102,977	30,482	31.5	27.8	56.9
Head Under 25	13,009	10,450	2,559	30.6	27.0	68.4
Head 25 - 44	62,814	48,449	14,365	29.9	25.9	63.3
Head 45 - 64	39,320	29,846	9,474	30.1	26.8	50.2
Head 65 +	18,316	14,232	4,084	44.9	43.8	49.4

Source: U.S. Bureau of the Census. Census of Population: 1970. *General Social and Economic Characteristics. Final Report PC(1)-C45 Texas.*

FIGURE I-8

Families Below Poverty Level

Texas: 1970

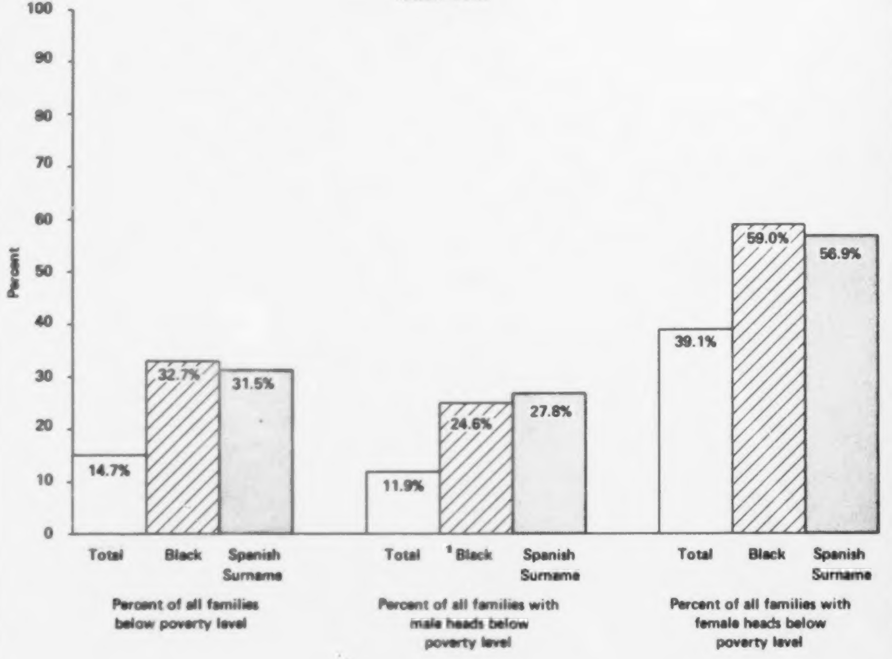


TABLE I-29

Percent Employed By Class Of Worker, Sex And Ethnicity: Texas, 1970

Class Of Worker	Anglo	Mexican-American	Black
Male 16 Years & Over			
Total Employed	100.0%	100.0%	100.0%
Private Wage & Salaried	73.3	76.6	81.0
Government Workers	12.9	16.3	13.7
Self-Employed	13.5	6.9	5.2
Unpaid Family Workers	0.3	0.2	0.1
Female 16 Years & Over			
Total Employed	100.0	100.0	100.0
Private Wage & Salaried	73.4	79.4	79.6
Government Workers	19.3	16.8	17.8
Self-Employed	5.7	3.0	2.3
Unpaid Family Workers	1.6	0.8	0.3

Source: U.S. Bureau of the Census, Census of Population. *General Social and Economic Characteristics*. 1970. Final Report PC(1)-C45, Table 56.

TABLE I-30

Civilian Total[1] And Minority Unemployment Rates

By Geographic Area, Sex, and Ethnicity: Texas, 1970

	Total		Black		Hispanic	
	Male	Female	Male	Female	Male	Female
The State	3.0%	4.7%	4.9%	7.0%	4.7%	6.8%
Urban	3.1	4.7	4.8	6.9	4.8	6.6
Rural Non-Farm	3.0	4.9	5.9	8.3	4.9	8.8
Rural Farm	1.3	3.5	NA	NA	2.7	6.7
Selected SMSA's						
Austin	2.7	3.8	3.6	4.6	3.2	4.7
Beaumont-Pt. Arthur-Orange	3.3	6.7	7.4	11.4	NA	NA
Corpus Christi	3.6	5.4	NA	NA	4.6	6.9
Dallas	2.6	3.5	4.7	5.2	2.7	4.7
El Paso	4.9	5.8	NA	NA	6.3	6.1
Fort Worth	3.0	4.5	5.0	7.6	3.5	5.8
Houston	2.4	4.0	3.9	6.3	2.4	4.3
San Antonio	3.7	5.0	5.2	6.3	4.2	6.0

[1] For persons aged 16 years old and over.

Source: U.S. Bureau of the Census, Census of Population: 1970. *Detailed Characteristics*, Final Report PC(1)-D45 Texas Section 1. Table 164.

TABLE I-31

Percent of Employed Persons In Major Occupational Categories By Sex[1]:

Texas and United States

	Texas				United States			
Occupation	1950	1960	1970	Change in percent 1950-1970	1950	1960	1970	Change in percent 1950-1970
Males, total	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	
Professional	6.8	9.2	12.9	+ 6.1%	7.3	9.9	13.5	+ 6.2%
Managerial	11.5	12.3	11.1	- 0.4	10.7	11.0	10.6	- 0.1
Sales	6.5	6.8	7.3	+ 0.8	6.3	6.9	6.8	+ 0.5
Clerical	5.5	6.0	6.8	+ 1.3	6.5	6.7	7.2	+ 0.7
Craftsmen	17.8	18.9	20.8	+ 3.0	18.6	19.9	19.7	+ 1.1
Operatives	16.6	17.0	17.0	+ 0.4	20.1	18.8	18.2	- 1.9
Laborers (except farm)	9.2	8.0	6.6	- 2.6	8.1	7.2	6.1	- 2.0
Farmers	12.0	6.1	2.8	- 9.2	10.4	5.5	2.7	- 7.7
Farm laborers	7.4	4.5	2.6	- 4.8	4.9	2.8	1.6	- 3.3
Service	5.4	6.1	6.7	+ 1.3	5.8	6.4	7.6	+ 1.8
Private household	0.2	0.1	0.1	- 0.1	0.2	0.1	0.1	- 0.1
Occupation not reported	1.1	4.7	5.3		1.1	4.8	5.9	
Absolute totals[1]	2,038	2,267	2,639		40,662	43,466	48,138	
Females, total	100.0	100.0	100.0		100.0	100.0	100.0	
Professional	12.2	13.1	14.8	+ 2.6	12.4	12.7	14.8	+ 2.4
Managerial	5.5	4.9	4.0	- 1.5	4.3	3.9	3.5	- 0.8
Sales	9.9	8.4	7.5	- 2.4	8.5	7.8	6.9	- 1.6
Clerical	26.0	28.6	32.9	+ 6.9	27.3	29.3	32.9	+ 5.6
Craftsmen	1.2	1.1	1.7	+ 0.5	1.5	1.3	1.7	+ 0.2
Operatives	10.4	8.7	8.9	- 1.5	19.2	15.0	13.2	- 6.0
Laborers (except farm)	0.6	0.8	0.9	+ 0.3	0.7	0.8	0.9	+ 0.2
Farmers	1.0	0.6	0.2	- 0.8	0.7	0.6	0.2	- 0.5
Farm laborers	3.2	1.4	0.5	- 2.7	2.9	1.2	0.5	- 2.4
Service	15.0	15.4	16.4	+ 1.4	12.2	14.0	15.2	+ 3.0
Private household	13.1	11.4	5.1	- 8.0	8.5	7.8	3.6	- 4.9
Occupation not reported	1.9	5.6	7.1		1.8	5.6	6.6	
Absolute totals[1]	721	1,051	1,542		15,773	21,172	29,170	

[1] In thousands. Column totals do not sum to 100.0 because of rounding errors.

Sources: U.S. Bureau of Census, Census of Population: 1970, *General Social & Economic Characteristics, U.S. Summary*, Final Report PC(1)-C1, Table 81. Census of Population: 1960, *General Social and Economic Characteristics, U.S. Summary*, Final Report PC(1)-C1, Table 89. Census of Population: 1970, *General Social and Economic Characteristics, Texas*, Final Report PC(1)-C45 Table 46. Census of Population: 1950, Vol. 2, *Characteristics of the Population*, Part 43, Texas, Table 28.

TABLE I-32

Occupational Distribution Of Employed Persons By Sex And Ethnicity: Texas, 1950-1970

Occupation	Anglo				Mexican/American				Black			
	1950	1960	1970	Change 1950-1970	1950	1960	1970	Change 1950-1970	1950	1960	1970	Change 1950-1970
Males	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	
Total white collar	36.1	40.9	46.5	+10.4%	12.7	15.9	24.7	+12.0%	7.2	9.0	15.1	+ 7.9%
Professionals	8.2	11.5	16.1	+ 7.9	1.7	3.1	6.9	+ 5.2	2.7	3.2	4.6	+ 1.9
Managers	13.8	14.5	14.0	+ 0.2	4.4	4.6	6.2	+ 1.8	2.1	1.9	2.7	+ 0.6
Sales and clerical	14.1	14.9	16.4	+ 2.3	6.6	8.2	11.6	+ 5.0	2.4	3.9	7.8	+ 5.4
Total blue collar	41.8	41.6	42.7	+ 0.9	47.6	53.5	57.0	+ 9.4	51.4	53.7	63.3	+11.9
Craftsmen	20.2	20.5	22.4	+ 2.2	12.4	15.9	21.5	+ 9.1	6.1	8.0	15.1	+ 9.0
Operatives	16.6	16.9	15.9	- 0.7	16.4	21.8	23.2	+ 6.8	16.9	21.2	28.8	+11.9
Laborers	5.0	4.2	4.4	- 0.6	18.8	15.8	12.3	- 6.5	28.4	24.5	19.4	- 9.0
Total farm workers	17.3	9.3	5.3	-12.0	32.0	18.8	8.9	-23.1	22.1	10.1	4.3	-17.8
Farmers	13.1	7.1	3.7	- 9.4	5.2	2.6	1.1	- 4.1	11.3	3.0	.6	-10.7
Farm laborers	4.2	2.2	1.6	- 2.6	26.8	16.2	7.8	-19.0	10.8	7.1	3.7	- 7.1
Total service workers	3.6	3.8	5.4	+ 1.8	6.7	7.6	9.5	+ 2.8	18.0	19.5	17.3	- 0.7
Service	3.5	3.8	5.3	+ 1.8	6.5	7.4	9.4	+ 2.9	16.9	18.6	16.7	- 0.2
Private household	0.1	0.04	0.1	0.0	0.2	0.2	0.1	- 0.1	1.1	0.9	0.6	- 0.5
Not reported	1.2	4.4	na[1]	na	1.0	4.2	na[1]	na	1.3	7.7	na[1]	na
Absolute total (000's)	1590	1753	1941		222	278	400		233	237	259	
Females	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	
Total white collar	66.6	67.4	73.1	+ 6.5%	31.6	33.3	46.4	+14.8%	10.7	12.1	25.9	+15.2%
Professionals	14.7	15.6	18.0	+ 3.3	3.8	5.3	8.9	+ 5.1	6.0	7.3	10.3	+ 4.3
Managers	6.6	5.6	5.0	- 1.6	4.3	2.8	2.8	- 1.5	1.9	1.3	1.4	- 0.5
Sales and clerical	45.3	46.2	50.1	+ 4.8	23.5	25.2	34.7	+11.2	2.8	3.5	14.2	+11.4
Total blue collar	11.7	9.5	10.4	- 1.3	24.1	22.5	22.0	- 2.1	8.5	7.7	15.1	+ 6.6
Craftsmen	1.4	1.1	1.9	0.5	1.2	1.0	2.2	+ 1.0	0.3	0.4	1.2	+ 0.9
Operatives	9.9	8.1	7.7	- 2.2	21.5	20.3	18.2	- 3.3	7.2	6.5	12.2	+ 5.0
Laborers	0.4	0.3	0.8	+ 0.4	1.4	1.2	1.6	+ 0.2	1.0	0.8	1.7	+ 0.7
Total farm workers	3.5	1.5	0.6	- 2.9	8.5	5.9	2.0	- 6.5	5.3	1.7	0.7	- 4.6
Farmers	1.0	0.7	0.3	- 0.7	0.4	0.2	0.1	- 0.3	1.1	0.3	0.1	- 1.0
Farm laborers	2.5	0.8	0.3	- 2.2	8.1	5.7	1.9	- 6.2	4.2	1.4	0.6	- 3.6
Total service workers	16.3	16.1	15.9	0.4	33.5	32.2	29.6	- 3.9	74.2	71.8	58.3	-15.9
Service	13.2	12.8	14.3	+ 1.1	14.8	16.1	22.5	+ 7.7	22.5	25.0	32.4	+ 9.9
Private household	3.1	3.3	1.6	- 1.5	18.7	16.1	7.1	-11.6	51.7	46.8	25.9	-25.8
Not reported	1.9	5.5	na[1]	na	2.3	6.1	na[1]	na	1.3	6.7	na[1]	na
Absolute total (000's)	531	782	1107		58	104	200		130	166	216	

[1] In 1970 persons not reporting their occupation were allocated to a major group on the basis of other information by the U.S. Bureau of Census.

Source: U.S. Bureau of Census, U.S. Census of Population: 1950 *Special Report, Persons of Spanish Surname*, Final Report P-E No. 3C, Table 6; U S. Census of Population: 1960 *Special Reports, Persons of Spanish Surname*, Final Report PC(2)-1B, Table 6; U.S. Census of Population: 1950 *Characteristics of Population*, Vol. 2, Part 43, Texas, Table 28a; U.S. Census of Population. 1960 *General Social and Economic Characteristics, Texas*, Final Report PC(1)-C45, Table 58; U.S. Census of Population: 1970 *General Social and Economic Characteristics*, Final Report PC(1)-C45, Table 54.

TABLE I-33

Occupational Distribution Of Employed Persons By Sex And Ethnicity: Texas 1978

Category	Total	Male	Female	White	Black And Other	Hispanic
Total White Collar	51.0%	41.6%	65.3%	54.1%	27.9%	32.8%
Professional-Technical	14.2	13.5	15.2	15.1	7.3	6.9
Managers-Administrators	12.1	16.1	6.2	13.2	4.2	6.6
Sales Workers	6.6	6.2	7.1	7.1	2.9	4.4
Clerical Workers	18.1	5.8	36.7	18.7	13.6	14.8
Total Blue Collar	33.0	47.0	12.0	32.0	40.2	47.5
Craftsmen	14.4	22.6	2.0	14.8	10.7	16.9
Operatives, Except Transport	9.3	10.2	7.9	8.9	12.0	15.8
Transport & Equip. Operators	3.8	6.0	0.0	3.3	7.0	5.0
Non-Farm Laborers	5.6	8.2	1.6	4.9	10.5	9.6
Service Workers	12.8	7.1	21.5	10.5	30.9	16.4
Farm Workers	3.1	4.4	1.2	3.4	1.0	3.4
Total[1]	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

[1] Totals may not add due to independent rounding.

Source: Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, Report No. 571.

TABLE I-34

Civilian Labor Force Participation[1] By Sex And Ethnicity: Texas, 1974-76-78

	Number in Labor Force			Percent in Labor Force			Unemployment Rate		
	1974	1976	1978	1974	1976	1978	1974	1976	1978
STATE TOTAL	5,153,000	5,505,000	5,994,000	62.6%	64.1%	65.2%	4.3%	5.7%	4.8%
Male	3,147,000	3,213,000	3,553,000	81.2	78.6	80.5	2.9	4.6	3.7
Female	2,005,000	2,292,000	2,441,000	46.0	49.9	51.1	6.4	7.5	6.4
White TOTAL	4,548,000	4,876,000	5,267,000	62.9	64.0	65.0	3.8	4.7	4.2
Male	2,822,000	2,893,000	3,157,000	82.1	81.2	81.1	2.6	3.5	3.1
Female	1,726,000	1,983,000	2,110,000	45.4	48.9	50.1	5.7	6.3	5.7
Black TOTAL	605,000	595,000	727,000	60.8	65.9	66.8	8.4	10.5	9.5
Male	325,000	302,000	396,000	74.2	75.0	76.0	6.1	7.9	8.4
Female	280,000	293,000	331,000	50.3	58.5	58.3	11.1	13.2	10.9
Hispanic TOTAL	NA	896,000	1,005,000	NA	60.0	62.7	NA	7.9	8.1
Male	NA	555,000	616,000	NA	78.3	79.9	NA	6.1	6.3
Female	NA	341,000	389,000	NA	43.5	46.7	NA	10.9	11.1

[1] Annual averages based on civilian non-institutionalized population aged 16 years and over. Numbers rounded to nearest thousand.

Source: Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual reports.

TABLE I-35

Percent Distribution Of Women[1] In The Civilian Labor Force

By Age And Presence Of Children: Texas And United States, 1976

	Married, Husband Present		All Other Women	
	U.S.	Texas	U.S.	Texas
Total In Labor Force	100.0%	100.0%	100.0%	100.0%
No Children Under 18	46.5	46.8	80.7	77.5
With Children Under 18	53.5	53.2	19.3	22.4
With Children 6 to 17 Only	33.3	29.7	12.4	13.1
With Children Under 6	20.2	23.6	6.9	9.2

[1] Women age 16 years and over.

Source: U.S. Bureau of Labor Statistics, *Marital and Family Status of Workers By State And Area,* Report 545, Table 11.

FIGURE I-9

Female Labor Force Participation Rates

by Marital Status: Texas, 1960-1976

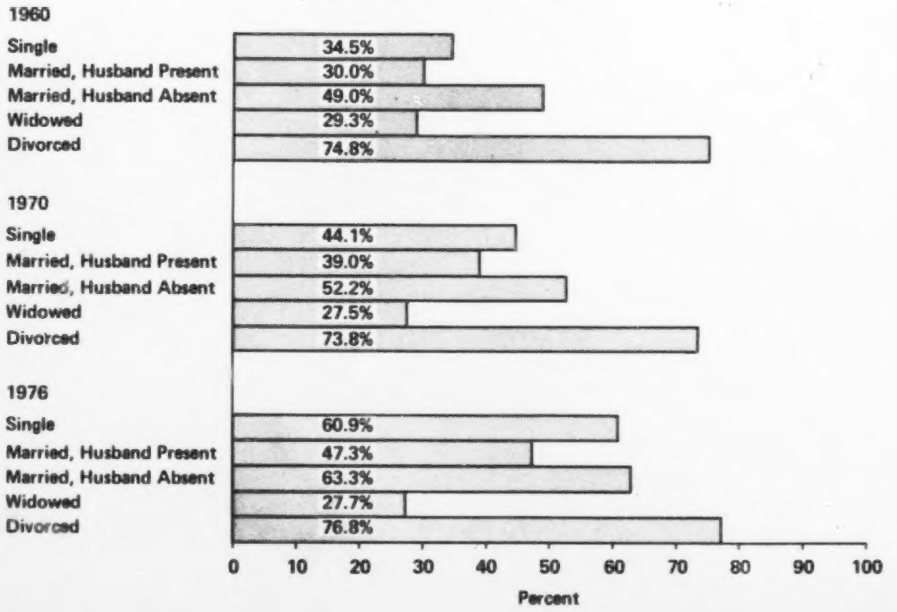


FIGURE I-10

Percent Distribution of Women in the Labor Force

Texas 1960-1976

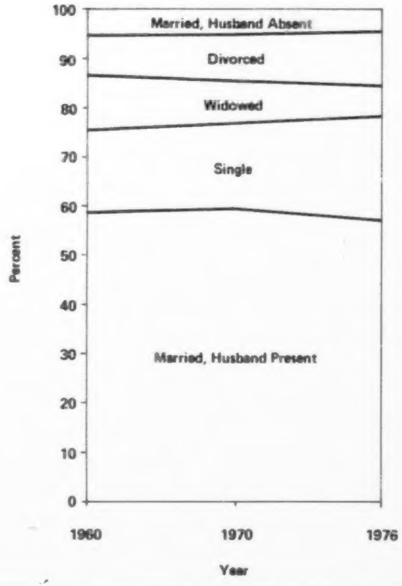


TABLE I-36

Percent Distribution Of Women In The Labor Force:

Texas, 1960-1976

	1960[1]	1970	1976 (est.)
Total	100.0%	100.0%	100.0%
Single	17.4	17.5	21.2
Married, Husband Present	58.5	59.8	57.5
Married, Husband Absent	5.7	5.6	4.6
Widowed	10.5	8.4	6.5
Divorced	7.9	8.8	10.1

[1] 1960 includes women age 14 and over. 1970 and 1976 include women age 16 and over.

Sources: U.S. Bureau of the Census: U.S. Census of Population: 1960. *Detailed Characteristics, Texas*. Final Report PC(1)-45D. Table 116. Census of Population: 1970. *Detailed Characteristics*. Final Report PC (1)-D45. Texas Section 1. Table 165. U.S. Bureau of Labor Statistics: *Marital and Family Status of Workers by State and Area*, Report 545, Tables 1 and 2.

FINANCE

State and local government
State government
Local government

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE II-1
Texas State and Local Government Revenues By Source
(millions of dollars)

	1953	1960	1970	1971	1972	1973	1974	1975	1976	1977
Federal Government	156.4	387.7	1,022.2	1,240.3	1,441.4	1,691.7	1,900.0	2,196.5	2,558.7	2,735.7
State & Local Sources	1,081.3	1,987.2	4,679.0	5,198.6	5,835.9	6,546.4	7,433.3	8,413.4	9,817.2	11,013.6
Taxes	859.4	1,560.8	3,540.7	3,926.9	4,476.2	4,939.0	5,631.7	6,304.3	7,258.6	8,180.8
Property	397.6	753.2	1,435.1	1,571.9	1,713.7	1,897.6	2,065.2	2,343.1	2,661.9	2,987.8
State	24.2	37.6	64.1	63.8	61.6	57.2	50.8	44.9	36.7	42.7
Local	373.4	715.6	1,371.0	1,508.0	1,652.2	1,839.8	2,014.4	2,298.2	2,625.3	2,945.1
Nonproperty Taxes	461.8	807.6	2,105.6	2,355.1	2,762.5	3,042.0	3,566.5	3,961.2	4,596.7	5,192.9
State	423.2	755.2	1,911.0	2,134.4	2,510.4	2,761.7	3,237.1	3,592.3	4,177.6	4,707.3
Local	38.6	52.4	194.6	220.7	252.1	280.2	329.3	368.9	419.0	485.6
Charges & Misc. General Revenue	221.9	426.4	1,138.3	1,271.7	1,359.7	1,607.5	1,802.2	2,109.1	2,558.6	2,832.8
Originating Level Of Govt.										
Federal	156.4	387.7	1,022.2	1,240.3	1,441.4	1,691.7	1,900.0	2,196.5	2,558.7	2,736.0
State	536.5	943.6	2,450.6	2,713.0	3,105.2	3,477.5	4,102.0	4,536.8	5,302.5	6,008.0
Local	544.7	1,043.7	2,228.3	2,385.6	2,730.7	3,068.9	.3,331.8	3,876.5	4,514.7	5,006.0
Final Recipient Govt.										
State	474.1	979.7	2,533.8	2,768.4	3,220.4	3,624.8	4,048.7	4,575.7	5,203.5	5,934.0
Local	736.6	1,395.2	3,167.5	3,670.4	4,056.9	4,613.4	5,285.1	6,034.2	7,172.4	7,816.0
Total Taxes										
State	447.4	792.8	1,975.1	2,198.2	2,572.0	2,818.9	3,287.9	3,637.2	4,214.3	4,750.0
Local	412.0	768.0	1,565.6	1,728.2	1,904.3	2,120.0	2,343.7	2,667.1	3,044.3	3,439.8
Total General Revenue	1,237.7	2,374.9	5,701.2	6,438.9	7,277.3	8,238.2	9,333.8	10,609.9	12,775.9	13,749.4

Source: Texas Research League, unpublished working papers based upon U.S. Bureau of Census data.

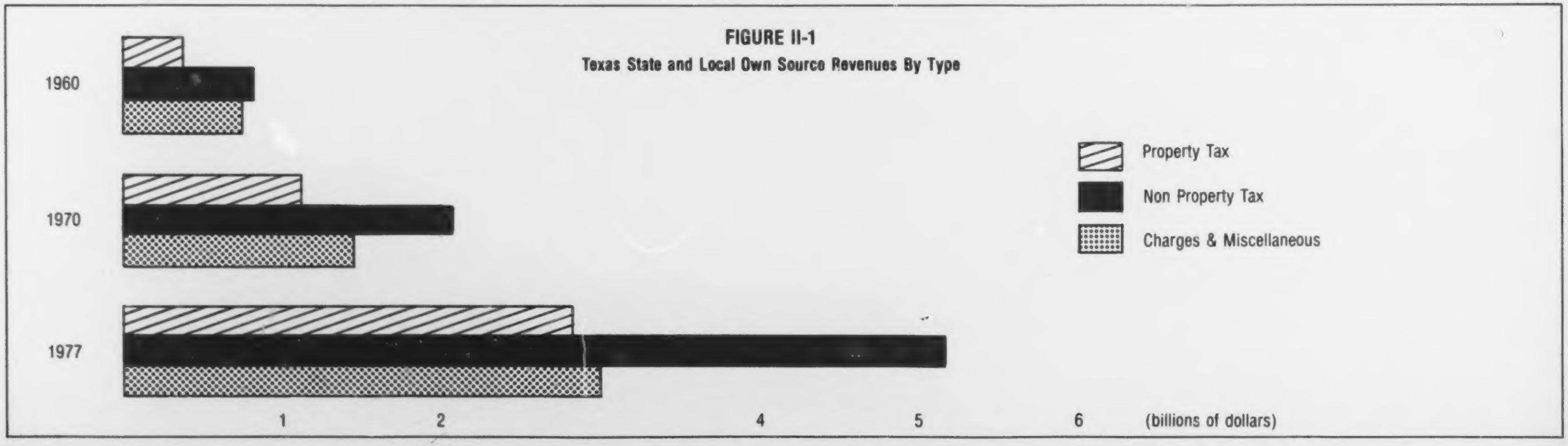


FIGURE II-1
Texas State and Local Own Source Revenues By Type

TABLE II-2

State and Local Government Own Source General Revenue
Per $1,000 Personal Income, Selected States

	1957	1962	1967	1972	1977
5 State Region					
Louisiana	141.0	152.1	157.7	181.5	166.7
Oklahoma	117.6	126.7	140.5	149.9	145.5
New Mexico	133.4	143.0	165.0	182.9	181.0
TEXAS	97.6	115.5	119.8	139.9	142.2
Arkansas	109.6	116.2	127.0	138.1	135.6
10 Most Populous States					
California	111.1	124.5	146.2	180.7	187.9
Florida	110.5	121.6	138.4	152.2	144.2
Illinois	83.0	98.2	101.5	142.3	139.5
Massachusetts	99.5	112.3	130.2	161.2	176.9
Michigan	99.7	119.0	124.9	165.9	165.8
New Jersey	82.0	98.0	111.7	140.2	152.4
New York	105.5	125.7	157.3	189.6	214.4
Ohio	81.9	101.1	105.8	130.8	130.7
Pennsylvania	87.0	102.4	112.2	149.5	142.2
TEXAS	97.6	115.5	119.8	139.9	142.2

Source: Same as Table II-3.

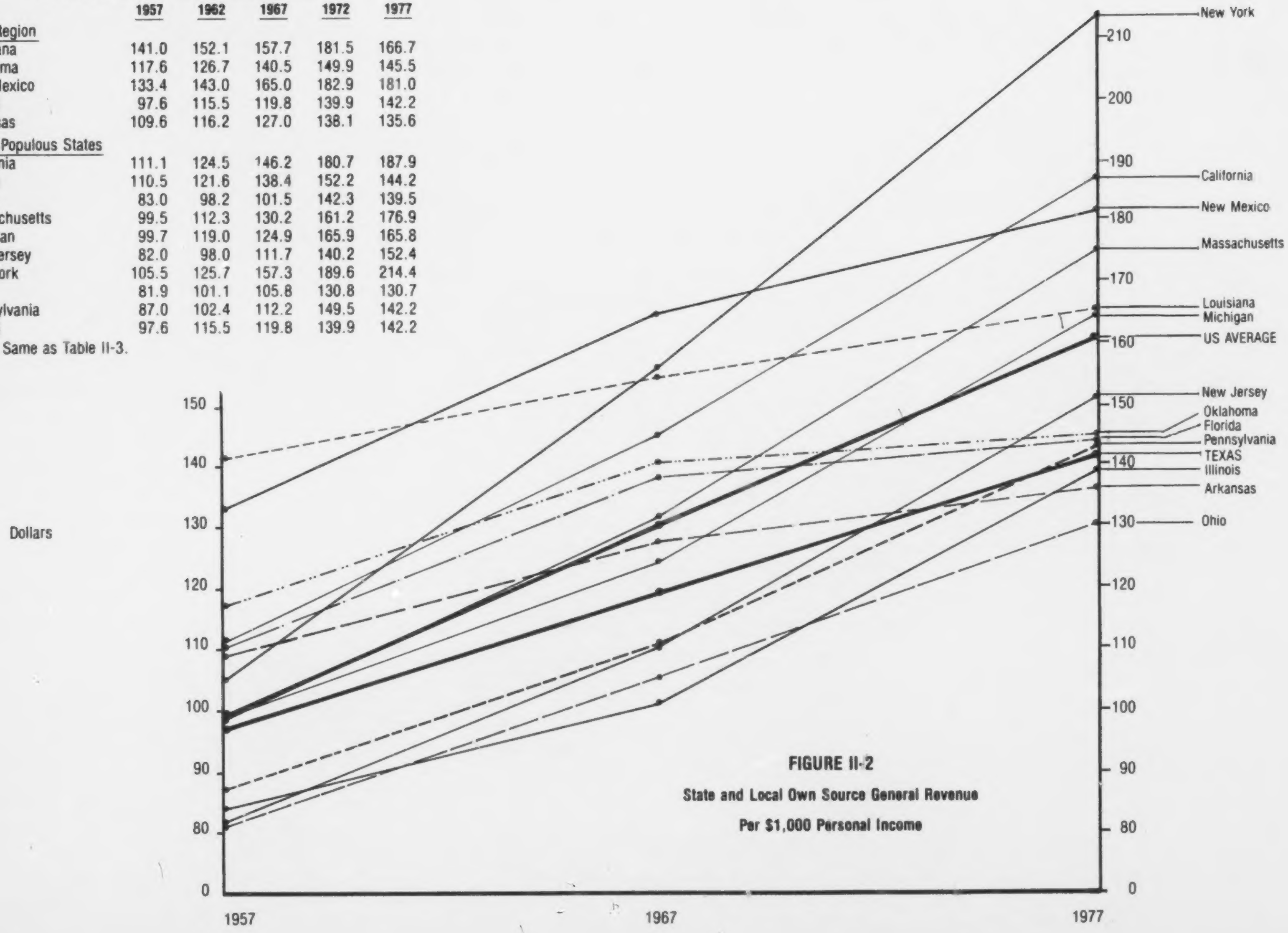


FIGURE II-2

State and Local Own Source General Revenue
Per $1,000 Personal Income

TABLE II-3

General Expenditures of Texas State and Local Government By Function
(millions of dollars)

Function	1957	1960	1970	1971	1972	1973	1974	1975	1976	1977
Education	738.4	898.1	2,444.4	2,826.9	3,089.1	3,384.7	3,778.5	4,440.4	5,337.9	5,575.7
Local Schools	608.1	715.9	1,747.4	2,027.6	2,214.7	2,367.7	2,616.6	3,049.4	3,659.5	3,650.1
Higher Education	122.4	173.1	643.2	729.3	788.9	929.9	1,048.8	1,257.1	1,538.7	1,769.2
Other	7.9	9.1	53.8	69.9	85.5	87.1	113.1	133.9	149.7	156.3
Highways	405.1	560.7	889.9	952.0	1,063.7	872.0	996.1	1,223.3	1,180.1	1,126.8
Public Welfare	156.5	185.1	532.5	681.4	741.0	790.0	812.6	888.2	1,081.8	1,200.4
Health and Hospitals	107.3	131.0	378.0	427.9	507.7	556.8	674.1	840.2	1,067.1	1,317.1
Police Protection	57.7	78.8	176.8	204.0	229.7	256.7	295.7	344.1	399.8	447.7
Fire Protection	33.3	41.8	87.0	101.0	110.5	120.3	135.3	157.6	182.1	200.4
Sewerage	38.4	54.4	77.8	84.3	94 3	106.7	152.3	236.0	247.8	466.8
Sanitation – Other	24.2	29.7	61.4	73.4	77.8	84.3	97.5	108.9	113.9	115.0
Interest General Debt	62.6	81.7	205.0	229.6	261.2	335.3	361.4	400.6	452.7	520.8
Financial Admin.	72.0	88.2	81.7	89.5	98.2	110.3	130.1	156.8	184.0	215.5
General Control			97.8	110.1	126.1	134.1	156.3	184.9	215.1	249.3
Parks and Recreation	25.0	NA	67.7	82.1	114.1	115.6	128.4	142.2	167.5	200.9
Other General Expend.	159.0	218.8	531.8	598.1	732.4	1,028.3	957.2	1,132.0	1,352.3	1,396.8
Expending Level of Government										
State	648.7	892.4	2,296.9	2,600.0	2,912.6	2,975.0	3,355.6	4,060.0	4,669.8	5,133.1
Local	1,230.8	1,475.9	3,335.0	3,860.3	4,333.4	4,919.9	5,320.0	6,195.2	7,312.4	7,900.5
Total General Expend.	1,879.5	2,368.3	5,631.9	6,460.3	7,245.9	7,894.9	8,675.6	10,255.1	11,982.2	13,033.7

Source: Texas Research League, *Texas State and Local Government: A Financial Handbook*, August 1975 and February 1977, and Texas Research League, unpublished working papers based upon U.S. Bureau of Census data

FIGURE II-3

Shares of Texas State and Local Expenditures by Function

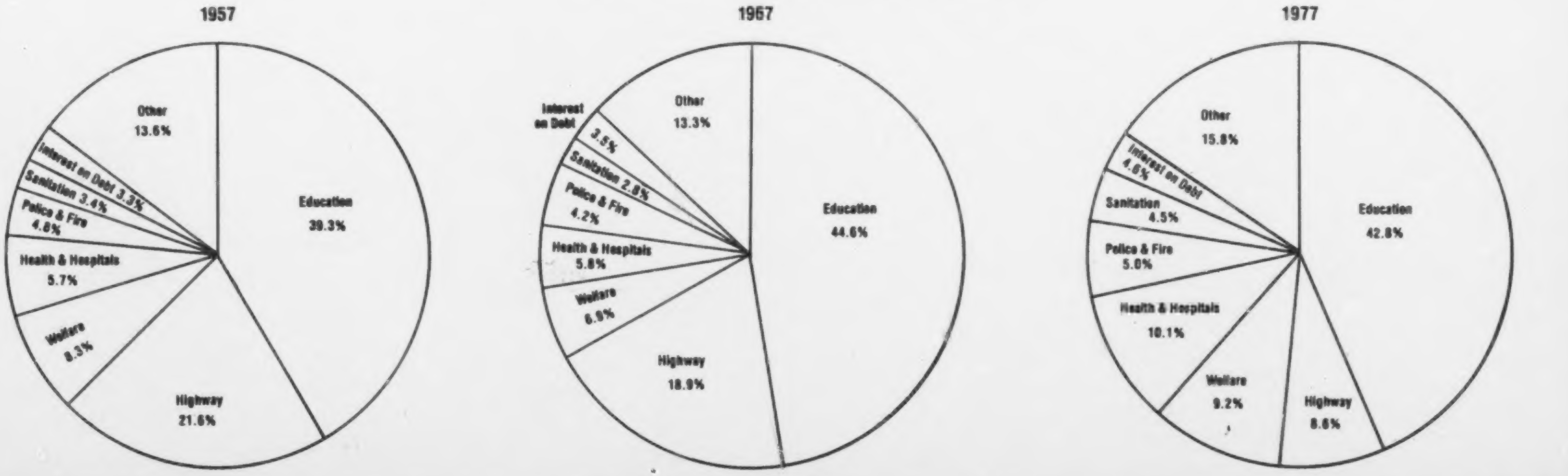


TABLE II-4

Texas State and Local Government Expenditures by Major Object

(millions of dollars)

Object of Expenditure	**1957**	**1962**	**1967**	**1972**	**1977**
Direct Expenditure	2,139.0	3,061.2	4,593.0	8,157.7	15,079.2
Current Operation	1,181.5	1,808.9	2,735.4	5,358.0	10,918.3
Capital Outlay	683.4	860.3	1,354.7	1,902.9	2,818.9
Construction	577.3	680.9	1,103.5	1,585.7	2,260.1
Equipment	60.9	73.5	113.2	198.3	558.7
Land & Existing Structures	45.1	105.8	138.0	118.7	
Assistance and Subsidies	144.6	173.3	213.1	351.5	154.8
Interest on Debt	83.0	126.9	186.9	339.6	668.1
Insurance Benefits and Repayments	46.3	91.5	102.7	205.6	518.9
Exhibit: Personal Services	845.9	1,315.3	1,933.1	3,550.4	6,583.7

Note: For 1977 Census of Governments, Capital Outlay is broken into two sub-categories — Construction and Other; however, prior Census of Governments break out Capital Outlay into three sub-categories — Construction, Equipment, and Land & Existing Structures.

Source: U.S. Bureau of the Census, Census of Governments, *Compendium of Government Finances*, 1957 Vol. III #5, 1962 Vol. IV #4, 1967 Vol. IV #5, 1972 Vol. IV #5, 1977 Vol. IV #5.

TABLE II-5

State and Local Government Per Capita General Expenditures, Selected States

(dollars)

	1957		**1962**		**1967**		**1972**		**1977**	
	Per Capita Amount	**Rank**	**Per Capita Amount**	**Rank**	**Per Capita Amount**	**Rank**	**Per Capita Amount**	**Rank**	**Per Capita Amount**	**Rank**
5 State Region										
New Mexico	278.6		324.4		549.9		771.5		1,160.2	
Louisiana	275.9		336.8		487.0		719.6		1,184.4	
Oklahoma	247.9		298.4		463.6		683.7		1,031.4	
TEXAS	204.8	4th	267.3	4th	383.0	4th	640.1	4th	1,017.7	4th
Arkansas	148.6		220.4		354.3		522.2		879.1	
10 Most Populous States										
California	322.2		436.7		642.2		980.4		1,529.1	
Florida	234.5		284.8		421.5		686.5		1,093.0	
Illinois	225.6		321.5		413.6		782.5		1,275.9	
Massachusetts	291.3		343.6		468.0		891.5		1,438.7	
Michigan	262.4		346.0		503.6		865.9		1,375.0	
New Jersey	237.0		309.6		413.7		818.5		1,345.4	
New York	298.4		402.7		614.2		1,252.1		1,760.6	
Ohio	222.2		286.8		388.7		641.8		1,103.1	
Pennsylvania	196.5		279.8		399.6		744.8		1,178.3	
TEXAS	204.8	9th	267.3	10th	383.0	10th	640.1	10th	1,017.7	10th

Source: Same as Table II-3.

FIGURE II-4

Per Capita State and Local General Expenditures, Selected States

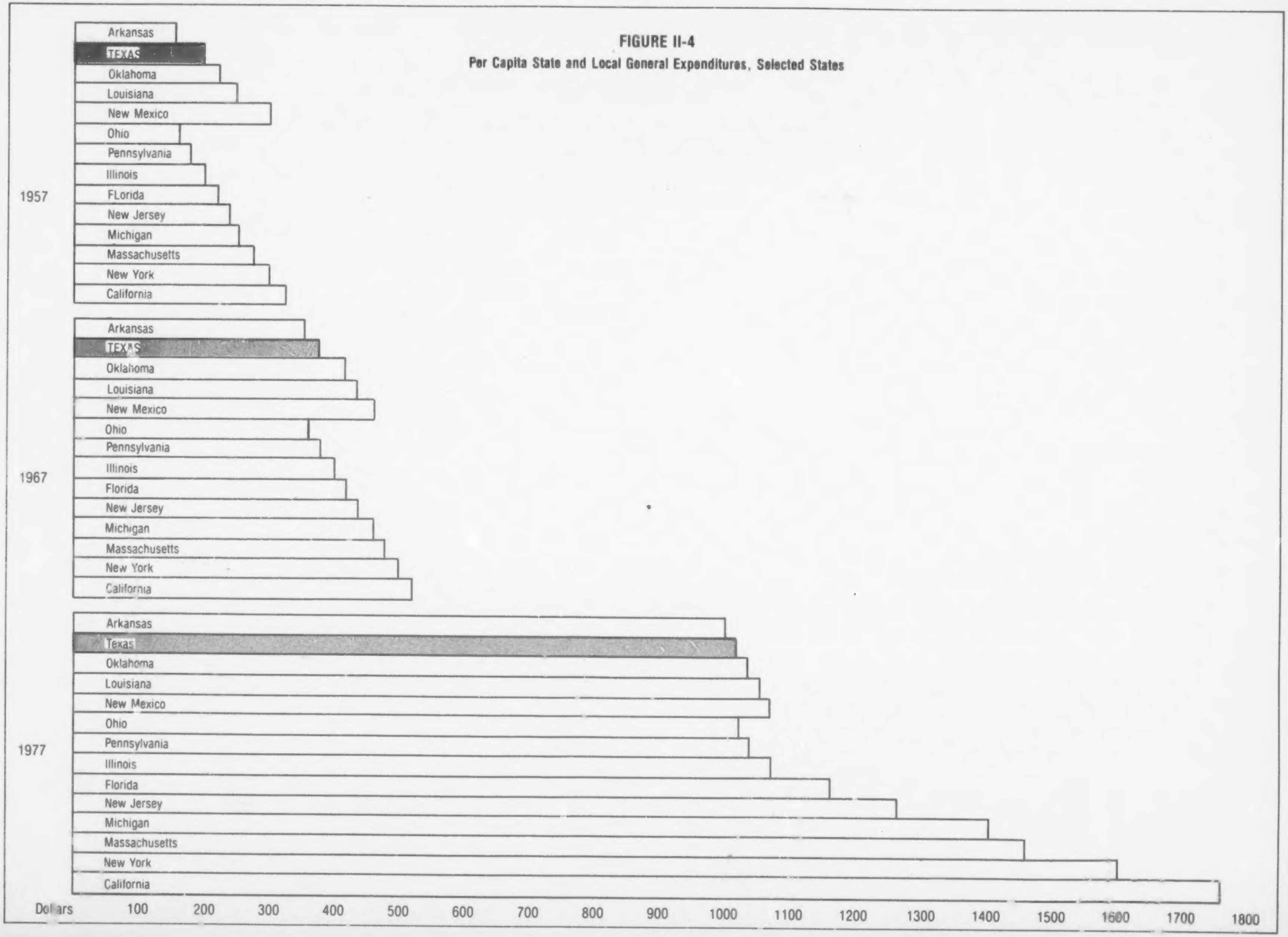


TABLE II-6

Texas State and Local Government Debt

(millions of dollars)

Fiscal Year Ending	1957	1962	1967	1972	1977
State Government	221.3	424.8	722.7	1,341.3	2,124.9
College & Universities	59.8	156.5	387.1	612.6	1,438.6
Veterans Land Program	98.9	189.8	170.3	306.9	372.7
Water Development	na	24.9	82.7	148.0	266.5
Park Development	na	na	na	15.7	12.8
Toll Highway	58.5	58.5	82.6	58.1	31.7
Other	4.0	na	na	na	4.1
Local Governments	2,725.8	3,748.6	5,134.3	7,042.4	12,080.0
General Debt	1,980.6	2,801.3	3,878.5	5,301.4	8,659.9
Utility Debt	689.9	869.2	1,172.5	1,557.2	3,196.4
Short-Term Debt	55.3	78.1	83.3	183.8	223.7
State & Local Total	2,947.1	4,178.4	5,857.0	8,383.6	14,205.0

Source: Same as Table II-3.

TABLE II-7

Major Texas State Tax Revenues

(millions of dollars)

TAX	1957	1963	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
State Sales Tax	0.0	180.5	279.6	550.1	632.6	824.0	926.2	1,126.2	1,266.6	1,478.4	1,689.0	2,023.7	2,174.3
Motor Fuel Taxes	164.7	206.3	272.7	312.3	333.8	355.7	385.4	389.9	395.2	427.3	444.1	477.7	489.5
Oil Production Taxes	150.0	122.1	156.0	170.4	192.5	190.8	207.5	344.8	402.6	429.1	426.4	435.2	464.8
Tobacco Products Taxes	45.7	97.9	136.4	186.9	204.0	232.2	244.2	248.5	260.9	279.7	288.1	300.3	309.8
Motor Vehicle License & Fees	59.3	92.8	133.1	153.7	161.4	174.4	188.8	203.0	209.0	225.8	244.7	279.8	252.0
Motor Vehicle Sales & Rental	20.1	33.8	57.2	96.6	97.6	167.1	197.4	197.8	202.6	270.5	328.1	401.1	433.3
Natural Gas Prod. Tax	40.6	64.1	81.9	96.4	108.8	114.4	124.9	171.1	257.3	364.6	474.3	517.8	554.4
Corporation Franchise & Charter	35.4	58.4	63.7	113.1	134.2	132.1	138.9	159.0	170.3	217.6	241.6	269.9	305.3
Alcoholic Beverage	31.4	41.2	54.6	57.7	71.5	94.0	103.5	117.9	126.3	138.4	160.4	172.6	191.7
Insurance Taxes & License	26.9	37.8	47.2	60.2	64.5	72.6	86.2	94.4	99.9	115.2	131.8	153.0	172.1
Utilities Tax & License	13.5	23.2	31.5	37.7	41.0	44.9	52.4	59.9	75.9	92.2	122.1	138.2	156.3
State Property Tax	32.4	42.5	59.7	64.1	63.8	61.6	57.2	50.8	44.9	36.7	42.8	44.6	49.2
Inheritance Tax	9.1	13.2	24.0	23.1	34.9	39.3	47.1	50.2	47.9	58.4	66.6	79.1	73.7
Driver's License	5.7	10.6	16.5	11.8	13.7	16.3	17.7	17.5	18.2	19.3	20.9	21.3	22.2
Hunting & Fishing License	1.8	3.9	5.2	6.1	6.4	6.5	6.9	12.3	12.5	11.3	13.3	12.9	13.8
Hotel & Motel Tax	0.0	3.5	6.0	7.4	7.8	8.5	9.5	10.8	12.2	14.4	17.0	20.7	24.5
All Other State Taxes	21.9	20.0	23.0	30.0	32.1	36.5	37.4	38.9	36.6	29.9	33.2	46.0	58.6
TOTAL	658.5	1,051.8	1,448.3	1,977.6	2,200.6	2,570.9	2,831.1	3,293.1	3,639.1	4,209.2	4,744.3	5,393.9	5,745.4

Source: Texas Research League, *Texas State & Local Government: A Financial Handbook*, August 1975, and Texas Research League, *TRL Analysis* Vol. I #2, February 1980.

FIGURE II-5

Percentage of Revenue from Major Texas Sources

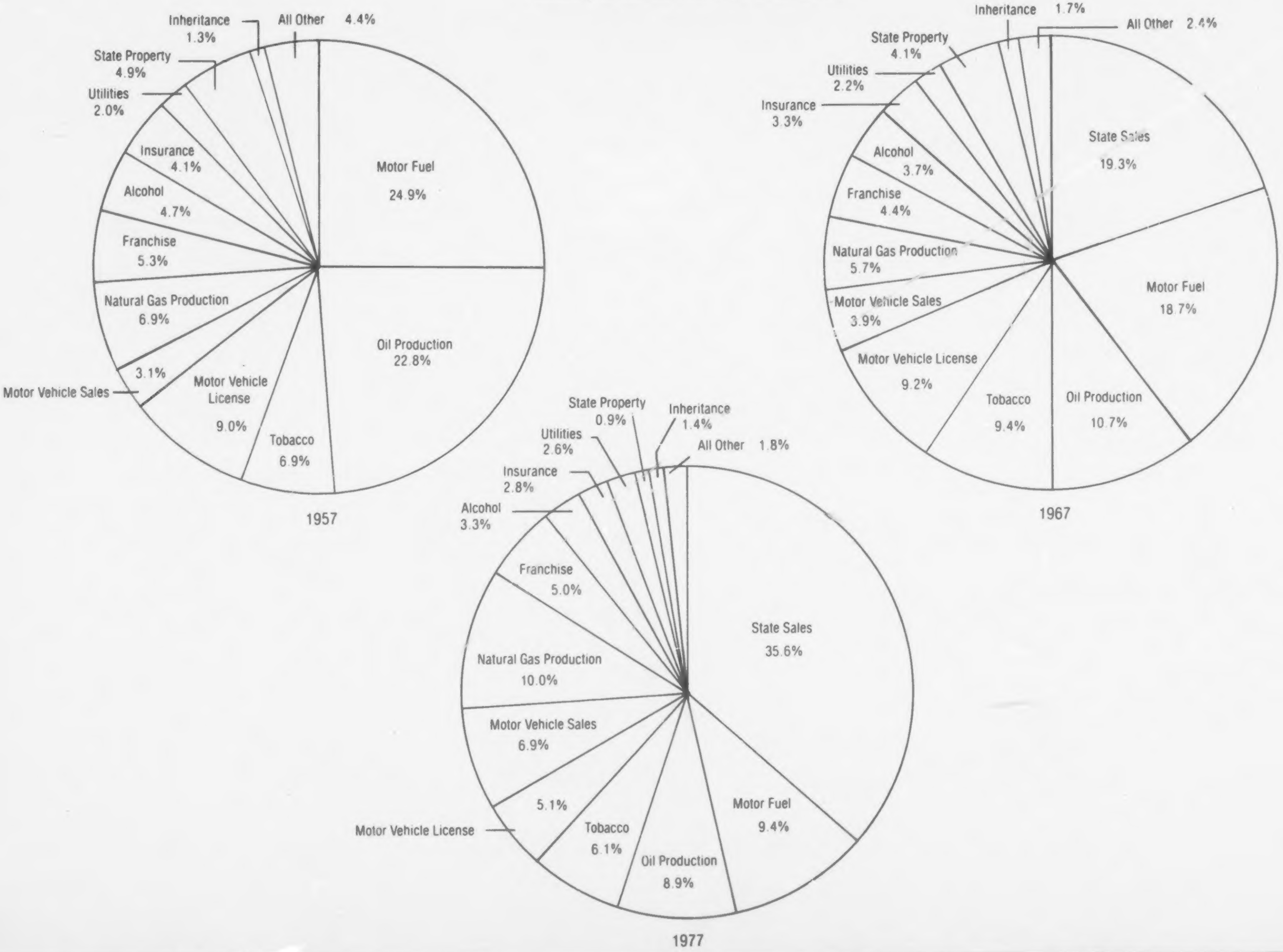


TABLE II-8

Federal Aid to Texas State Government By Major Purpose

(millions of dollars)

Purpose/Program Category	1971	1972	1973	1974	1975	1976	1977	1978	1979
Welfare	448.6	574.7	565.9	513.5	617.5	726.0	765.6	831.7	954.9
Highways/Transportation	276.6	240.2	217.2	219.7	269.8	308.0	265.5	317.7	314.7
Education	156.7	190.6	212.6	239.1	258.0	327.9	360.8	396.8	495.2
Health	14.5	16.8	18.3	18.1	31.9	39.8	48.0	53.3	70.0
Social/Rehabilitative Serv.	43.8	53.0	55.5	81.6	120.7	135.4	138.9	167.6	163.1
Public Safety/Law Enforcement	21.8	24.6	36.7	45.6	47.6	45.7	46.0	43.3	41.6
Natural Resources, Environmental Protection	4.3	7.0	11.8	13.1	16.7	16.0	16.7	20.3	30.0
General Government	1.3	1.5	1.8	2.4	3.3	2.4	15.9	12.6	9.6
Unemployment Compensation	37.0	38.8	42.9	50.7	54.5	64.8	74.6	77.5	88.2
General Revenue Sharing	na	na	127.7	97.0	97.9	103.0	110.5	114.1	112.0
Other	1.9	2.9	2.2	2.0	5.1	5.6	5.6	2.3	5.0
TOTAL	1,007.0	1,150.6	1,293.0	1,283.3	1,523.5	1,775.2	1,848.6	2,037.7	2,284.8

Source: Comptroller Of Public Accounts, 1976 *Annual Financial Report* and 1979 *Annual Financial Report*.

TABLE II-9

Permanent Texas School Fund Assets and Earnings

(millions of dollars)

	1950	1961	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Corpus	161.1	454.3	842.2	884.6	927.6	977.9	1,081.4	1,176.4	1,318.3	1,546.1	1,815.3	2,062.7
Growth of Corpus	10.8	28.5	43.5	42.4	43.0	50.2	103.5	94.9	141.8	227.8	269.2	247.3
Earnings	3.9	13.7	34.7	38.1	40.7	44.4	50.8	61.0	67.5	84.8	104.6	130.6

Source: Texas Education Agency, *The Permanent School Fund of Texas, Annual Report for Fiscal Year Ending August 31, 1979.*

TABLE II-10

Permanent University Fund Assets and Earnings in Texas

(millions of dollars)

	1953	1960	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Corpus	179.4	348.7	571.8	599.6	639.7	671.0	712.7	782.8	868.3	959.4	1,043.3	1,133.7
Growth of Corpus	33.7	18.4	18.6	27.8	46.1	31.3	41.7	70.1	85.5	91.1	83.9	90.4
Earnings	4.0	10.5	26.3	28.3	29.8	32.2	36.4	40.6	47.2	53.8	52.4	74.6

Source: Texas Research League, unpublished working papers.

TABLE II-11

Tax Rates and Taxable Bases for Major Texas State Taxes

Fiscal Year 1979

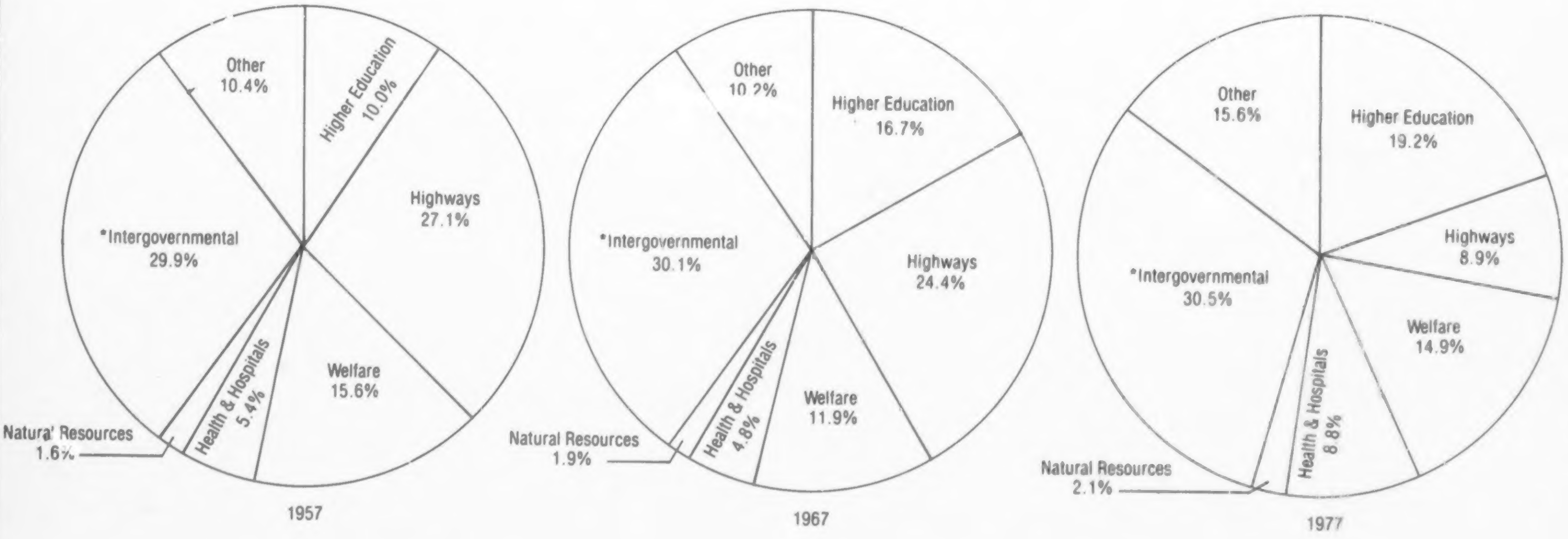
Tax[1]	Rate and Base
Sales and Use Tax	4% of the retail sale price of tangible personal property.
Natural and Casinghead Gas Tax	7.5% of the market value of gas produced in the state.
Oil Production and Regulation Taxes	Production: 4.6% of the market value of oil produced in the state. Regulation: 3/16 of 1¢ on each barrel produced.
Motor Fuel Taxes	Motor Fuel Tax: 5¢ per gallon of gasoline. Special Fuels Tax: Diesel fuel – 6.5¢ per gallon Liquefied Gas – 5¢ per gallon
Motor Vehicle Sales and Rental Taxes	Sales: 4% of vehicle sales price, less any trade-in. Rental: 4% of gross rental receipts.
Cigarette and Tobacco Products Taxes	Cigarette: $9.25 per 1,000 (18.5¢ per pack of 20) Cigar and Tobacco Products: based on weight per 1,000 and selling price. (1) Cigars weighing not more than 3 pounds per 1,000 – 1¢ for each 10 cigars; (2) cigars weighing not more than 3 pounds per 1,000 and retailing for not more than 3.3¢ each – $7.50 per 1,000; (3) cigars weighing more than 3 pounds per 1,000 and selling for over 3.3¢ each, containing no substantial amounts of non-tobacco ingredients – $11.00 per 1,000; (4) cigars weighing more than 3 pounds per 1,000 and selling for over 3.3¢ each, containing substantial amounts of non-tobacco ingredients – $15.00 per 1,000; (5) chewing, pipe or smoking tobacco – 25% of the factory list price exclusive of discounts.
Corporation Franchise Tax	Domestic and foreign corporation, unless otherwise provided for, pay whichever yields the greater tax: (1) $4.25 per $1,000 of taxable capital; (2) $4.25 per $1,000 of property value; (3) $55.00
Alcoholic Beverages Taxes	Beer: $5.00 per barrel Liquor: $2.00 per gallon or 53¢ per liter. Wine: Alcoholic volume not over 14% – 17¢ per gallon/4¢ per liter More than 14% – 34¢ per gallon/9¢ per liter Sparkling wine – 43¢ per gallon/11¢ per liter Malt Liquor (Ale): 16.5¢ per gallon Mixed Drinks Gross Receipts: 10% of gross receipts
Insurance Occupation Tax	Tax based on gross premiums according to a percentage of assets invested in the state: Percent Investment in Texas — Rate 75% or less — 3.3% More than 76% but not more than 80% — 3.025 More than 80% but not more than 85% — 2.75 More than 85% but not more than 90% — 2.2 In excess of 90% — 1.925
Inheritance Tax	From 1-20% depending on the relationship of the beneficiary and the size of the estate.
Ad Valorem Tax	10¢ per $100 valuation on real and personal property.
Utility Taxes	Public Utility Gross Receipts: 1/16 of 1% of gross receipts. Gas, Electric and Water Utility: (1) cities 1,000-2,500 pop. – .581% of gross receipts; (2) cities 2,500-10,000 pop. – 1.070%; (3) cities 10,000 pop. or more – 1.997%. Gas Utility Administration: 1/4 of 1% of gross receipts of gas utility.
Telephone Tax	(1) Cities less than 2,500 pop. – 1.65% of gross receipts; (2) Cities 2,500-10,000 pop. – 1.925% (3) Cities 10,000 pop. or more – 2.5025%
Hotel and Motel Tax	3% of consideration paid by occupant.

[1] Taxes not shown include: cement tax, oil and gas well servicing tax, carline companies tax, telegraph tax, sulphur tax, coin-operated amusement machine tax, minor occupation taxes, and admissions tax (repealed effective 9-1-79).

Source: Comptroller of Public Accounts, *1979 Annual Financial Report.*

FIGURE II-6

Shares of Texas State Expenditures



*Intergovernmental includes state aid to public elementary and secondary schools.

TABLE II-12

Texas State Government Expenditures by Function
(millions of dollars)

Function	1957	1962	1967	1972	1977
Direct General Expenditure					
Education	111.3	182.2	432.0	773.6	1,671.7
Higher Education	96.6	165.7	389.3	664.0	1,501.8
Local Schools	7.1	7.4	16.6	23.9	13.6
Other Education	7.6	9.0	26.0	85.5	156.2
Highways	261.6	372.8	570.3	775.5	693.6
Public Welfare	150.5	199.0	278.4	725.1	1,173.6
Cash Asst. Categorical	142.9	171.4	207.9	333.6	NA
Cash Asst. Other	.3	.1	0	0	NA
Other Public Welfare	7.3	27.5	70.5	391.5	NA
Health and Hospitals	52.4	69.8	113.2	242.9	686.9
Hospitals	45.6	63.3	99.7	203.9	585.7
Own Hospitals	N/A	61.3	95.9	196.4	534.3
Other Hospitals	N/A	1.9	3.8	7.5	51.4
Health	6.8	6.5	13.5	39.0	101.2
Police Protection	6.6	13.0	17.1	39.4	79.8
Natural Resources	15.6	24.3	43.7	81.6	125.7
Corrections	8.5	17.7	23.0	40.3	90.7
Libraries	na	.4	1.0	1.3	2.6
Employment Security	9.6	16.6	21.9	42.7	45.4
Financial Administration	3.5	10.7	16.2	31.3	79.0
General Control		7.4	14.4	30.8	54.8
General Public Building	2.2	5.1	3.2	9.1	15.1
Interest on General Debt	5.4	10.3	22.2	50.8	113.3
Other & Unallocated	10.9	14.9	25.6	67.4	174.4
TOTAL, Direct General Exp.	648.6	1,030.3	1,583.0	2,912.5	5,133.1
Insurance Trust Exp.	42.6	85.2	92.3	190.1	480.3
Intergovernmental Exp.	274.3	442.9	661.5	1,227.2	2,215.9
GRAND TOTAL	965.6	1,473.2	2,336.9	4,330.0	7,829.4

Source: Same as Table II-3.

TABLE II-13

Sources of General Revenue by Type of Local Government in Texas
(millions of dollars)

	1967					1977				
	State Total	Counties	Munici-palities	School Districts	Special Districts	State Total	Counties	Munici-palities	School Districts	Special Districts
Intergovernmental Revenue										
From State Government	686.9	16.7	7.6	639.3	23.2	2,156.6	62.5	47.4	2,035.8	10.8
From Federal Government	69.7	1.9	15.2	38.6	13.9	669.7	107.1	388.1	101.1	73.3
General Revenue Sharing	na	na	na	na	na	209.1	81.0	128.0	na	na
Sub-Total	756.6	18.6	22.8	677.9	37.1	3,035.4	250.6	563.5	2,136.9	84.1
Tax Revenue										
Property Tax	1,064.9	184.5	305.2	535.4	39.6	2,945.1	531.3	691.8	1,642.3	79.4
Other Taxes	70.4	32.3	38.0	na	na	485.6	55.6	430.0	na	na
Sub-Total	1,135.3	216.8	343.3	535.4	39.6	3,430.8	587.0	1,121.9	1,642.3	79.4
Charges and Miscellaneous	491.0	75.5	186.6	145.9	82.8	1,575.2	327.3	619.3	270.2	358.2
Total General Revenue	2,383.0	311.1	552.7	1,359.4	159.6	8,041.4	1,165.0	2,304.8	4,049.6	521.9

Source: Same as Table II-3.

TABLE II-14

Property Tax Revenues by Type of Local Government in Texas
(millions of dollars)

Type of Government	1957	1962	1967	1972	1977
County	121.9	156.2	184.5	258.8	531.3
Municipality	170.1	247.9	305.2	427.7	691.8
School District	237.8	366.3	535.4	938.1	1,642.3
Special District	18.7	27.5	39.6	91.0	79.4
Total	548.5	797.9	1,064.7	1,715.6	2,944.8

Note: Revenues of certain hospital districts included in county figure in 1977.

Source: Same as Table III-3.

TABLE II-15

Local Government Property Tax Limits in Texas

Type of Government	Limit[1]	Legal Reference
City	\$2.50[2]	Const., Art. XI, Sec. 5
County	.80[3]	Const., Art. VIII, Sec. 9
School District	[4]	Education Code
Community College	1.00	Education Code, Art. 130.122
Hospital District	.75[5]	Const., Art. IX, Sec. 9
Airport Authority	.75	Const., Art. IX, Sec. 12
Others	Vary	

[1] For operating purposes (excludes debt service).

[2] For home rule cities. General law cities - $1.50

[3] Counties may also levy a special road and bridge tax limited to $.15 and a farm-to-market and lateral road or flood control tax limited to $.30.

[4] Generally thought to be $1.40 applied to state determined values but statutes are at variance.

[5] Some have a lower limit.

Source: Texas Advisory Commission on Intergovernmental Relations and Texas Research League, *The Texas Property Tax: Background for Revision*, August 1976 and Texas Research League, "Analysis," January 1980.

FIGURE II-7

Texas Local Government Property Tax Revenues

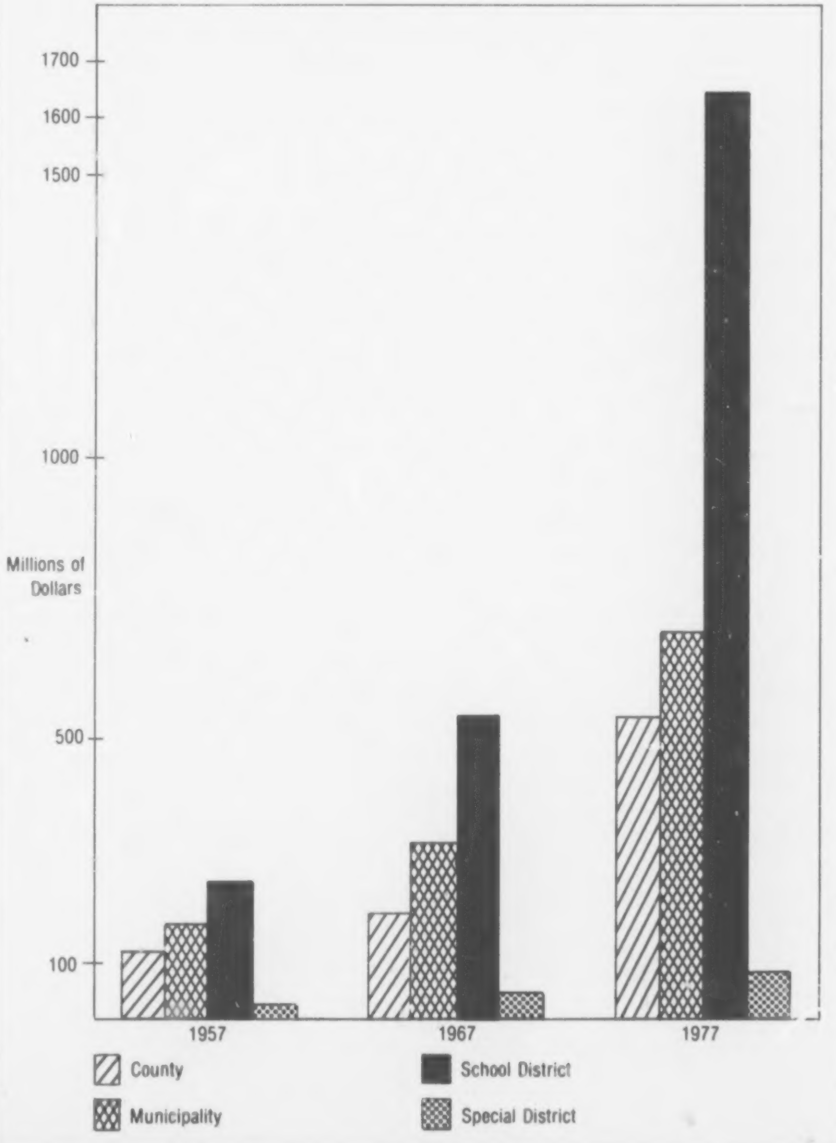


TABLE II-16

Local Government Property Tax Exemptions in Texas

Exemption	Amount	Applicability to Local Government				Legal Reference
		City	County	School District	Other	
Homestead	$3,000		X			Art. 7048a
Residence Homestead	$5,000			X		Art. 7150.5
Aged–Local Option	NLT[1] $3,000	X	X	X	X	Const., Art. 8, sec. 1b (b)
Aged–Mandatory	$10,000			X		Art. 7150.5
Disabled Veteran	NTE[2] $3,000	X	X	X	X	Art. 7150h
Disabled	$10,000			X		Art. 7150.5

[1] NLT means not less than.
[2] NTE means not to exceed.

Source: Texas Advisory Commission on Intergovernmental Relations, "Implementing the Property Tax Provisions of the 1978 Tax Relief Amendment," January, 1979 and *Texas County Government Finance: Revenue and Spending Issues*, June 1977, and House Bill 1060, 66th Texas Legislature, Regular Session, 1979.

TABLE II-17

Direct Federal Aid to Local Governments in Texas
(millions of dollars)

Type of Government	1957	1962	1967	1972	1977
Counties	.6	.2	1.9	3.1	107.1
Municipalities	1.6	7.0	15.2	83.2	388.1
School Districts	9.8	14.2	38.6	65.6	101.1
Special Districts	5.8	9.1	13.9	32.1	73.3
Total	18.0	30..6	69.7	184.1	669.7

Source: Same as Table III-3.

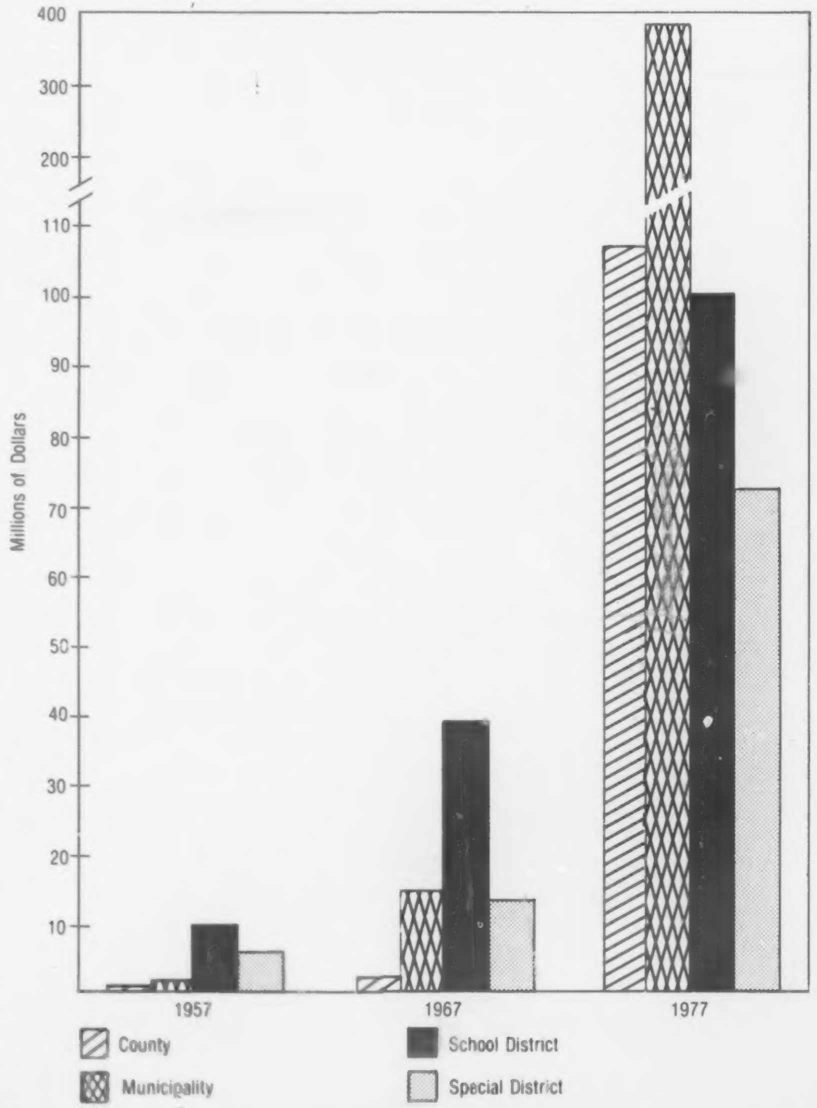


FIGURE II-8

Federal Aid to Local Governments in Texas

TABLE II-18

Total Expenditures by Type of Local Government in Texas

(millions of dollars)

Type of Government	1957	1962	1967	1972	1977
County	200.8	270.8	304.3	449.3	1,064.3
Municipality	528.3	731.5	914.2	1,586.1	3,359.3
School District	636.8	911.3	1,485.1	2,495.0	4,045.8
Special District	88.0	123.9	222.4	541.5	1,028.6
Total	1,448.3	2,037.7	2,926.1	5,072.0	9,468.5

Source: Same as Table II-3.

FIGURE II-9

Percent of Total Expenditures by Type of Local Government in Texas

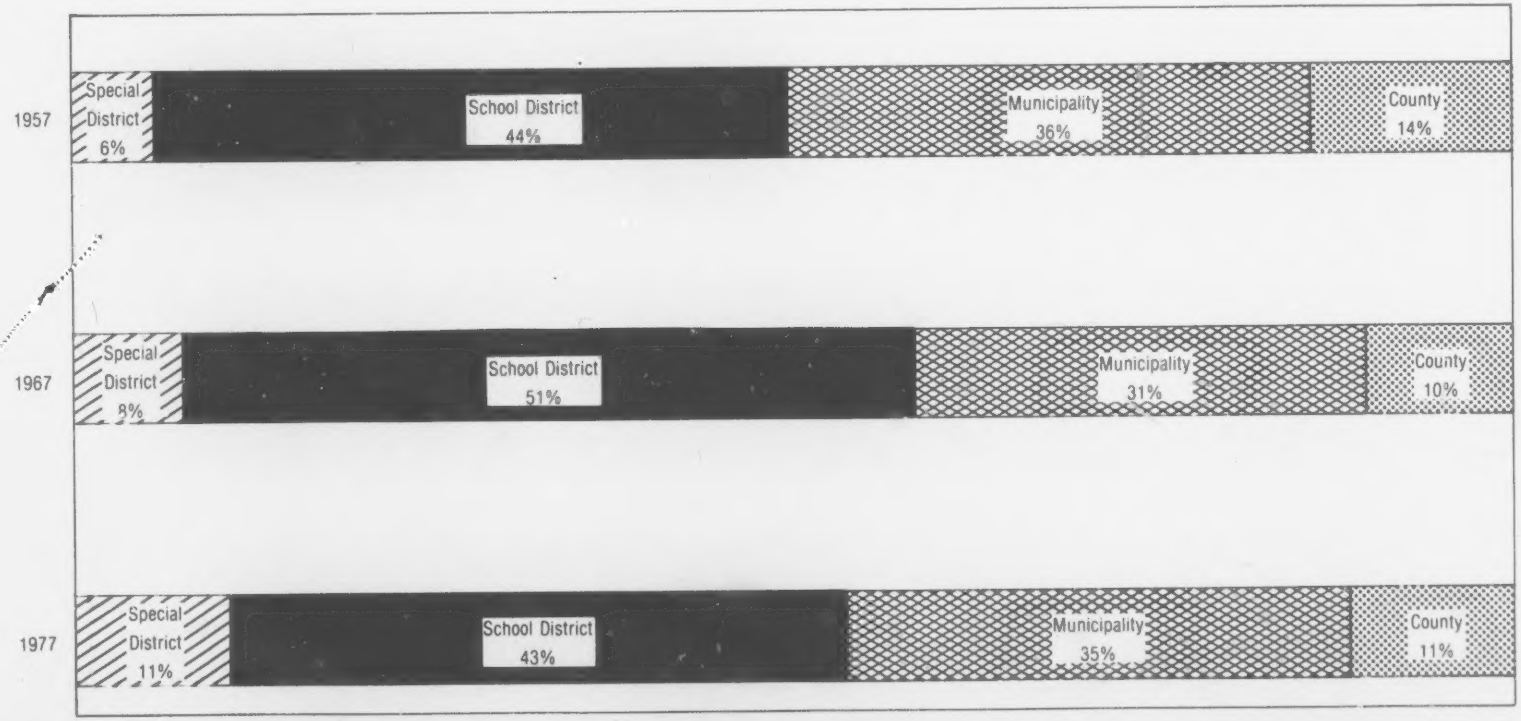


TABLE II-19

Local Government Debt in Texas

(millions of dollars)

Type of Government	1957	1962	1967	1972	1977
County	320.2	358.2	390.4	431.2	648.3
Municipality	1,159.2	1,661.0	2,084.1	2,995.0	4,296.9
School District	842.0	1,188.0	1,767.2	2,498.5	3,385.1
Special District	404.2	541.3	817.1	1,555.7	3,749.3
Total	2,725.7	3,748.6	5,058.9	7,480.4	12,080.0

Source: Same as Table II-3.

TABLE II-20

City Revenues by Major Source in Texas

(millions of dollars)

Source	1957	1962	1967	1972	1977
Intergovernmental Revenues	16.6	27.2	22.8	99.5	435.6
Revenues from Own Sources	450.2	655.5	834.9	1,433.5	2,789.7
General Revenue from Own Sources	283.5	412.3	529.9	965.3	1,741.2
Taxes	194.4	278.7	343.3	645.0	1,121.9
Charges and Misc.	89.0	133.6	186.6	320.2	619.3
Utility Revenue	162.1	234.3	291.2	435.5	969.6
Employee Retirement	4.5	8.8	13.7	32.6	78.8
Total	466.8	682.8	857.7	1,533.0	3,225.3

Source: Same as Table II-3.

TABLE II-21

Distribution of City Sales Tax Receipts by Population Size Group in Texas

(millions of dollars)

Population-Size Group	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
500,000 or Greater	10.5	51.7	58.3	63.6	69.7	78.0	89.1	101.1	116.2	138.3
100,000 to 499,999	6.5	21.6	25.1	29.2	31.1	34.9	39.6	44.7	51.8	61.9
50,000 to 99,999	2.4	10.9	14.7	17.6	20.3	24.5	29.9	36.6	42.3	49.3
Less than 50,000	3.6	22.0	31.3	41.4	47.6	55.9	65.8	74.7	89.2	112.4
Total	23.0	106.2	129.4	151.8	168.7	193.3	224.4	257.1	299.5	361.9

Note: Number of Cities Taxing has grown from 155 in 1968 to 855 in 1976.

Source: Comptroller of Public Accounts, *City Sales and Use Tax Allocation* 9/75 thru 12/77. Texas Research League, *Texas State and Local Government: A Financial Handbook*, February 1977.

FIGURE II-10

City Sales Tax Receipts

By City Size Group in Texas, 1977

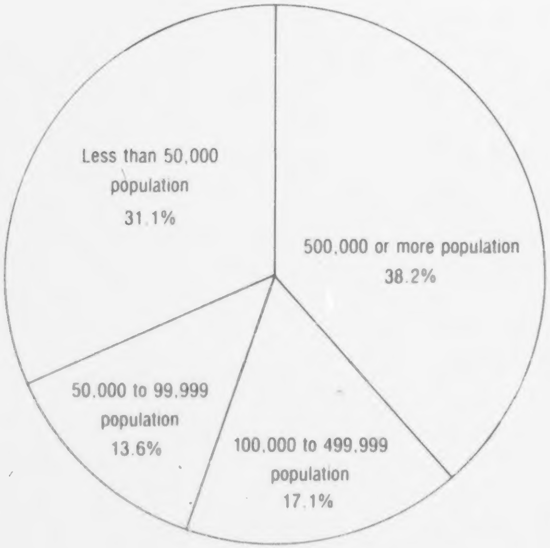


TABLE II-22

City Expenditures by Function in Texas
(millions of dollars)

Function	1957	1962	1967	1972	1977
Direct Expenditures	525.4	728.8	910.3	1,576.9	3,337.6
Direct General Expenditures	342.5	495.5	634.2	1,155.6	2,132.4
¹Personal Services	N/A	290.3	346.9	624.4	1,122.2
Education	14.3	30.3	3.8	7.9	10.7
Highways	63.6	94.5	116.5	149.0	249.3
Public Welfare	.5	1.0	1.5	1.5	3.4
Hospitals	16.1	20.7	20.5	24.2	69.8
Health	6.0	7.1	11.0	25.6	49.0
Police Protection	39.6	60.8	79.5	158.8	309.1
Fire Protection	32.9	46.5	60.7	108.9	196.7
Sewerage	35.8	50.2	71.2	95.8	258.1
Sanitation - Other	24.2	32.1	44.8	77.0	112.3
Parks and Recreation	22.3	23.7	40.4	109.4	147.9
Housing and Urban Renewal	.4	6.9	10.6	23.5	12.0
Airports	18.5	14.8	23.4	68.3	47.0
Water Transportation and Terminals	5.0	6.7	4.2	7.6	12.9
Parking Facilities	NA	.6	1.0	.7	4.8
Correction	NA	.1	.1	.6	3.7
Libraries	4.3	7.2	11.6	23.0	47.4
Financial Admin.	20.9	14.3	18.2	33.5	71.0
General Control		14.3	19.3	34.0	73.3
General Public Buildings	5.6	7.3	16.3	27.8	36.8
Interest on General Debt	16.4	28.6	39.0	74.8	118.1
Other and Unallowable	14.7	26.8	39.5	102.8	280.0
Utility Expenditure	179.5	227.3	266.6	405.9	1,166.6
Water	118.8	142.5	154.7	225.6	366.4
Other	60.6	84.7	111.8	180.2	800.2
Employee Retirement	3.4	5.9	9.5	15.3	38.5

¹All functions (non-add figure)

Source: Same as Table II-3.

TABLE II-23

County Revenues by Major Source in Texas
(millions of dollars)

Source	1957	1962	1967	1972	1977
Intergovernmental Revenues	15.8	19.8	18.6	26.0	169.6
Revenues from Own Sources	190.4	244.1	293.7	426.9	914.3
General Revenue from Own Sources	190.0	243.3	292.4	426.7	914.3
Taxes	148.8	186.6	216.9	297.2	587.0
Charges & Misc.	41.1	56.7	75.5	129.4	327.3
Employee Retirement	.4	.8	1.2	.1	0
Total	206.3	263.9	312.4	452.9	1,084.1

Note: Revenues of certain hospital districts included in 1977 figures.

Source: Same as Table II-3.

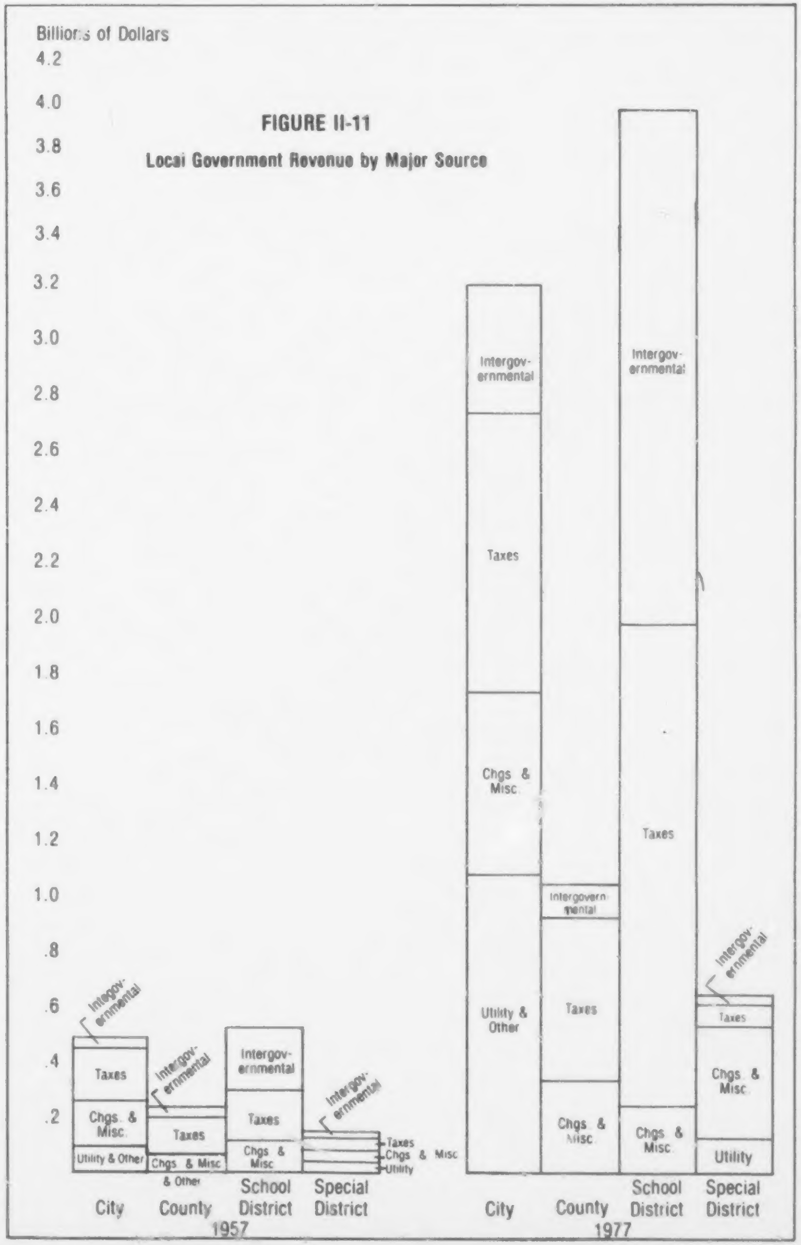


FIGURE II-11

Local Government Revenue by Major Source

TABLE II-24

County Expenditures by Function in Texas
(millions of dollars)

Function	1957	1962	1967	1972	1977
Direct Expenditures	198.3	267.9	302.6	445.8	1,057.0
Direct General Expenditures	198.1	267.5	301.7	445.7	1,056.6
¹Personal Services	NA	106.8	134.2	200.1	478.7
Education	.2	.1		.2	.9
Highways	79.8	102.8	100.4	137.6	184.8
Public Welfare	5.3	7.4	10.5	15.1	23.3
Hospitals	22.3	31.9	37.3	59.4	323.8
Health	2.5	3.2	5.8	9.8	19.8
Police Protection	11.4	14.6	18.6	29.6	58.7
Fire Protection	.3	.5	.6	1.0	3.4
Sanitation - Other	na	na	na	.7	2.4
Parks andRecreation	2.6	5.0	4.6	5.1	14.3
Natural Resources	5.6	9.4	10.1	9.2	27.5
Airports	1.0	.7	1.3	1.2	2.7
Parking Facilities	na	0	na	na	1.9
Corrections	4.1	10.1	11.2	19.0	51.8
Libraries	2.7	1.6	2.2	3.5	7.1
Financial Admin.	37.3	17.1	22.1	33.5	65.4
General Control		29.8	37.2	60.2	121.2
General Public Building	8.7	14.7	15.6	17.7	47.5
Interest on General Debt	8.9	11.0	12.9	16.8	30.3
Other & Unallowable	4.6	6.9	10.7	25.7	67.2
Employee Retirement	.2	.4	.8	.1	0

¹For all functions

Source: Same as Table II-3.

TABLE II-25

Texas Public School District Revenues by Major Source
(millions of dollars)

	1957	1962	1967	1972	1977
Intergovernmental Revenue	255.5	419.1	677.9	1,206.8	2,136.9
State	245.7	404.9	639.3	1,141.2	2,035.8
Federal	9.8	14.2	38.6	65.6	101.1
Own Source Revenue	295.1	456.9	681.4	1,172.0	1,912.6
Taxes	237.8	366.3	535.4	938.5	1,643.3
Changes & Misc.	57.3	90.6	145.9	233.5	270.2
Total	550.6	876.0	1,359.3	2,378.8	4,049.5

Source: Same as Table II-3.

TABLE II-26

Texas Public School Budgeted Expenditures by Major Object
(dollars per student)

Object of Expenditure	1973-74	1976-77	1977-78	1978-79
Payroll Expense	696.13	1,020.65	1,154.59	1,252.32
Purchased Service	51.63	88.65	108.66	123.56
Supplies and Materials	41.23	62.76	75.07	80.61
Other Operating Expenses	18.50	31.83	38.82	43.48
Total Current Operating Expense	807.50	1,203.90	1,377.14	1,499.97
Debt Service	98.56	117.14	131.76	144.62
Capital Outlay	147.04	143.26	268.49	294.24
Total Expense Per Student	1,053.10	1,464.30	1,777.39	1,938.83

Source: Texas Research League, *Bench Marks for 1979-80 School District Budgets in Texas* and *Bench Marks for 1977-78 School District Budgets in Texas*

TABLE II-27

Distribution of Public School Districts by Market Value Group in Texas, 1977-1978

Market Value per ADA[1]	No. of Districts	Percent of Districts
Under $70,000	116	10.8
$ 70,000 to $114,999	255	23.8
$115,000 to $149,999	157	14.6
$150,000 to $199,999	156	14.6
$200,000 to $299,999	146	13.6
$300,000 to $499,999	129	12.0
Over $500,000	113	10.5

[1] Market value of taxable property within school district per average daily attendance.

Source: Texas Research League, *Bench Marks for 1979-80 School District Budgets in Texas*, June 1979.

TABLE II-28

Special District Revenues by Major Source in Texas
(millions of dollars)

Source	1957	1962	1967	1972	1977
Intergovernmental Revenue	6.8	9.7	37.1	42.8	84.2
Revenue from Own Sources	66.2	94.4	151.2	337.1	600.1
General Revenue from Own Sources	45.2	72.4	122.5	291.4	437.7
Taxes	18.7	27.5	39.6	91.0	79.4
Charges & Misc.	26.5	44.9	82.8	200.4	358.2
Utility Revenue	20.9	22.0	28.7	45.5	162.2
Total	73.1	104.1	188.3	379.9	684.3

Source: Same as Table II-3.

TABLE II-29

Special District Expenditures by Function in Texas
(millions of dollars)

Function	1957	1962	1967	1972	1977
Direct Expenditures	86.9	122.7	221.2	540.0	1,025.2
Direct General Expenditures	53.3	86.9	160.4	450.7	665.6
[1]Personal Services	NA	31.4	53.8	143.3	154.7
Hospitals	7.6	19.9	56.1	199.0	167.5
Sewerage	2.5	2.0	2.6	16.8	208.6
Sanitation – Other	na	0	0	[illegible]	.2
Parks and Recreation	0	0	0	.3	3.1
Natural Resources	10.3	18.1	45.1	41.0	29.0
Housing and Urban Renewal	10.3	15.8	22.1	72.6	65.1
Airports	na	na	na	50.9	24.9
Water Transportation and Terminals	15.0	21.3	18.6	32.3	57.3
Interest on General Debt	7.4	9.4	15.4	35.3	105.4
Other and Unallowable	na	.1	.1	2.1	4.2
Utility Expenditure	33.5	35.8	60.7	89.2	359.6
Water	27.5	28.2	44.5	46.8	N/A
Other	5.9	7.6	16.1	42.4	N/A

[1] All functions (non-add)

Source: Same as Table II-3.

TABLE II-30

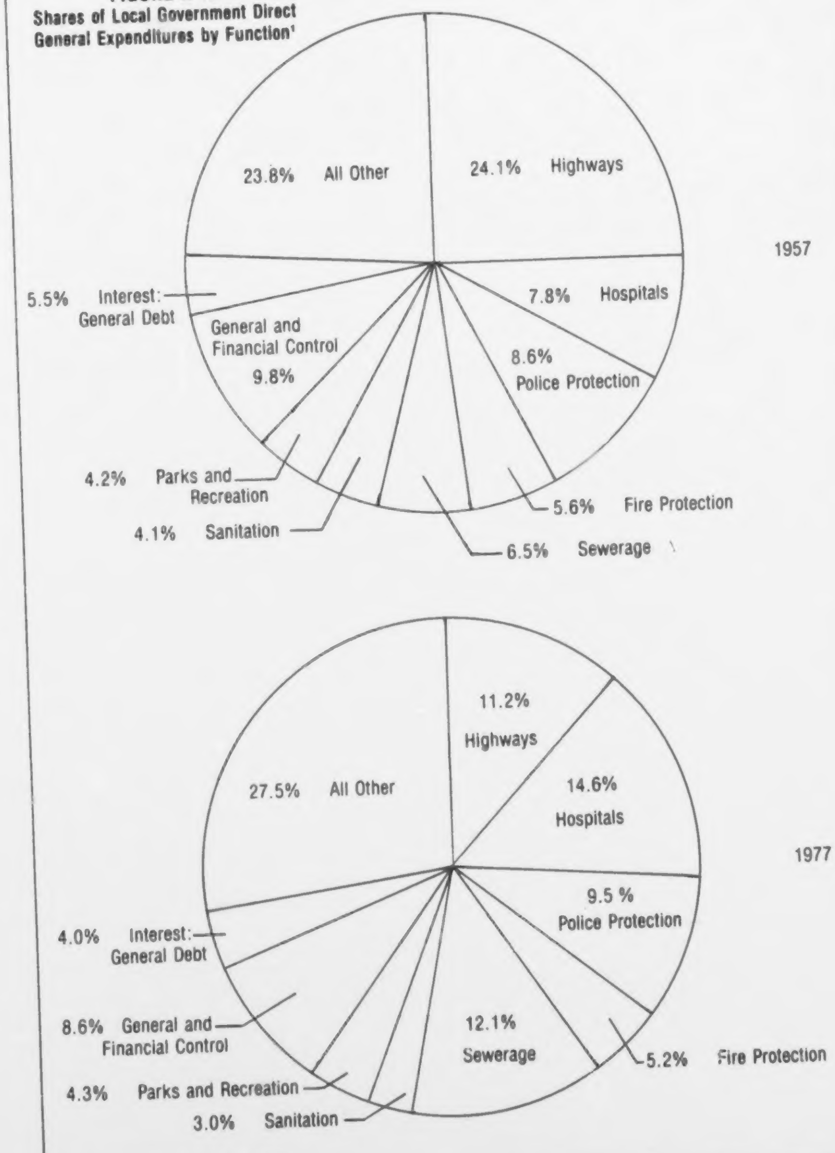
County, Municipality and Special District Expenditures by Function in Texas
(millions of dollars)

Function	County	Munici-pality	Special District	Total
		1957		
Direct Expenditures	198.3	525.6	87.0	810.9
Direct General Expenditures	198.1	342.5	53.4	594.0
Education	.2	14.4	na	14.6
Highways	79.8	63.6	na	143.4
Public Welfare	5.4	.6	na	6.0
Hospitals	22.3	16.2	7.6	46.1
Health	2.6	6.1	na	8.7
Police Protection	11.4	39.7	na	51.1
Fire Protection	.3	32.9	na	33.2
Sewerage	0	35.9	2.5	38.4
Sanitation – Other	na	24.2	na	24.2
Parks and Recreation	2.7	22.4	na	25.1
Natural Resources	5.7	na	10.4	16.1
Housing and Urban Renewal	na	.4	10.4	10.8
Airports	1.1	18.6	na	19.7
Water Transportation, Terminals, and Other	na	5.3	15.1	20.4
Parking Facilities	na	na	na	na
Correction	4.2	na	na	4.2
Libraries	2.8	4.4	na	7.2
Financial Administration				
General Control	37.4	21.0	na	58.4
General Public Building	8.7	5.6	na	14.3
Interest on General Debt	8.9	16.4	7.4	32.7
Other and Unallowable	4.6	14.8	na	19.4
Utility Expenditure	na	179.6	33.6	213.2
Water	na	118.9	27.6	146.5
Other	na	60.7	6.0	66.7
Employee Retirement	.2	3.5	na	3.7
		1977		
Direct Expenditures	1,057.0	3,337.6	1,025.2	5,419.2
Direct General Expenditures	1,056.6	2,132.4	665.6	3,854.6
Education	.9	10.7	na	11.6
Highways	184.8	248.6	na	433.2
Public Welfare	23.3	3.4	na	26.7
Hospitals	323.8	69.9	167.5	561.2
Health	19.9	49.1	na	69.0
Police Protection	58.7	309.1	na	367.8
Fire Protection	3.5	196.8	.1	200.4
Sewerage	0	258.2	208.6	466.8
Sanitation – Other	2.4	112.3	.3	115.0
Parks and Recreation	14.4	147.9	3.2	165.5
Natural Resources	27.6	.2	29.0	56.8
Housing and Urban Renewal	0	12.1	65.1	77.3
Airports	2.7	47.0	24.9	74.6
Water Transportation, Terminals, and Other	2.0	17.8	57.2	77.0
Parking Facilities	na	na	na	na
Correction	52.9	3.8	na	56.7
Libraries	7.2	47.4	na	54.6
Financial Administration	65.4	71.0	na	136.4
General Control	121.2	73.4	na	194.6
General Public Building	47.6	36.9	105.4	189.9
Interest on General Debt	30.4	118.2	4.2	152.8
Other and Unallowable	67.9	298.8	na	366.7
Utility Expenditure	.3	1,166.6	359.6	1,526.5
Water	NA	366.4	NA	366.4
Other	NA	800.2	NA	800.2

Source: Same as Table II-3.

FIGURE II-12

Shares of Local Government Direct General Expenditures by Function¹



¹School District not included

ECONOMICS

Personal income
Employment
Price indexes
Housing

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE III-1

Personal Income in U.S., Texas, and Selected States

(billions of dollars)

	1950	1960	1965	1970	1975	1978
US[1]	226.2	398.7	535.9	793.5	1,248.4	1,702.9
Massachusetts	7.7	12.7	16.5	24.4	35.3	46.6
New York	27.3	46.3	59.7	84.1	117.8	146.7
New Jersey	8.9	16.5	22.1	33.7	49.8	64.6
Pennsylvania	16.2	25.4	31.9	45.8	69.3	90.9
Ohio	12.9	22.7	29.3	42.1	62.0	84.0
Illinois	15.9	26.7	35.1	49.5	75.4	98.3
Michigan	10.9	18.2	25.4	36.0	54.6	77.6
Florida	3.6	9.7	14.2	25.3	46.6	64.5
Arkansas	1.6	2.5	3.6	5.4	9.5	13.5
Louisiana	3.0	5.4	7.4	11.0	18.3	26.3
Oklahoma	2.5	4.4	5.7	8.6	14.3	20.0
TEXAS	10.5	18.5	24.9	39.4	68.3	100.2
New Mexico	.8	1.8	2.3	3.1	5.5	7.9
California	19.8	43.0	60.2	88.6	139.4	197.3

[1] Prior to 1960, excludes Alaska and Hawaii.

Source: Department of Commerce, Office of Business Economics, *Survey of Current Business*, April 1970, October 1978, and April 1979.

FIGURE III-1

Comparative Growth in Personal Income, Texas and U.S.

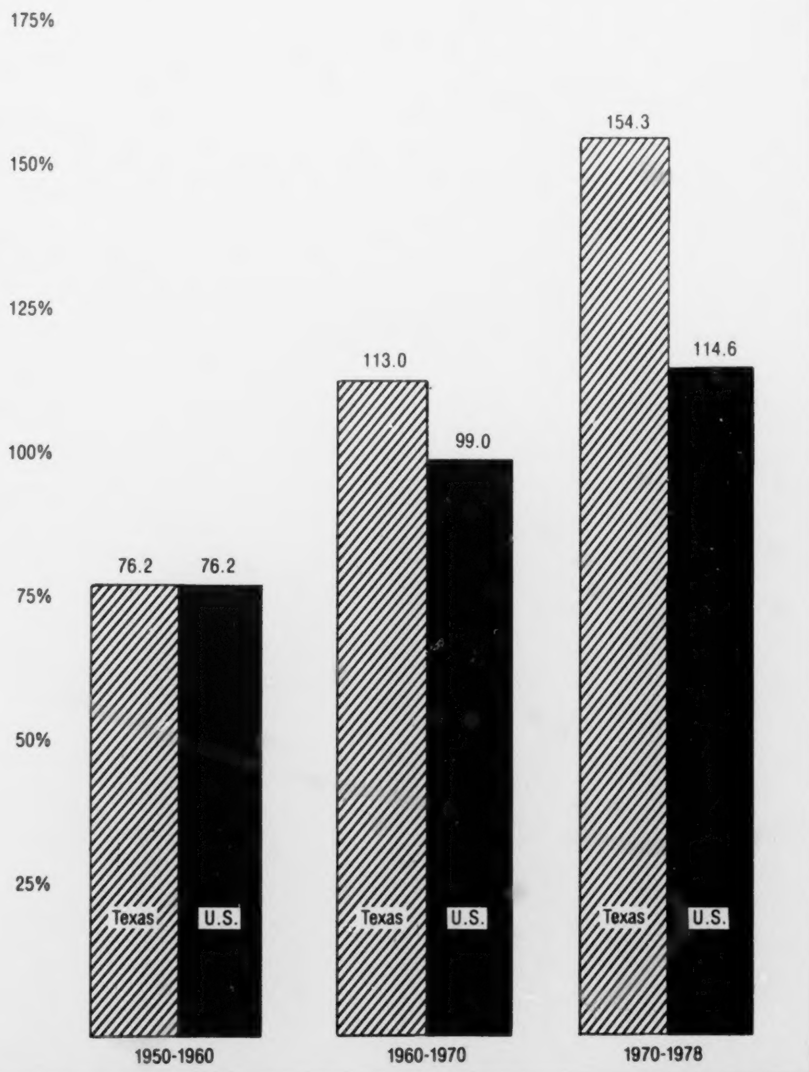


TABLE III-2

Per Capita Personal Income in U.S., Texas, and Selected States

	1950[1]	1960	1965	1970	1975	1978
U.S.	1,496	2,215	2,765	3,893	5,861	7,810
Massachusetts	1,633	2,461	3,079	4,276	6,077	8,063
New York	1,873	2,748	3,349	4,605	6,519	8,267
New Jersey	1,834	2,707	3,256	4,684	6,794	8,818
Pennsylvania	1,541	2,241	2,747	3,879	5,841	7,733
Ohio	1,620	2,334	2,857	3,949	5,778	7,812
Illinois	1,825	2,649	3,298	4,446	6,735	8,745
Michigan	1,701	2,324	3,042	4,041	5,991	8,442
Florida	1,281	1,950	2,442	3,698	5,631	7,505
Arkansas	825	1,372	1,836	2,791	4,510	6,183
Louisiana	1,120	1,654	2,079	3,023	4,803	6,640
Oklahoma	1,143	1,861	2,299	3,341	5,280	6,951
TEXAS	1,349	1,924	2,358	3,507	5,584	7,697
New Mexico	1,177	1,888	2,236	3,045	4,843	6,505
California	1,852	2,709	3,267	4,423	6,575	8,850

[1] Excludes Alaska and Hawaii.

Source: U.S. Department of Commerce, Office of Business Economics, *Survey of Current Business*, April 1970, October 1978, and April 1979.

FIGURE III-2

Per Capita Personal Income

Texas and Selected States

as a Percent of U.S. Average

(U.S. Average = 100%)

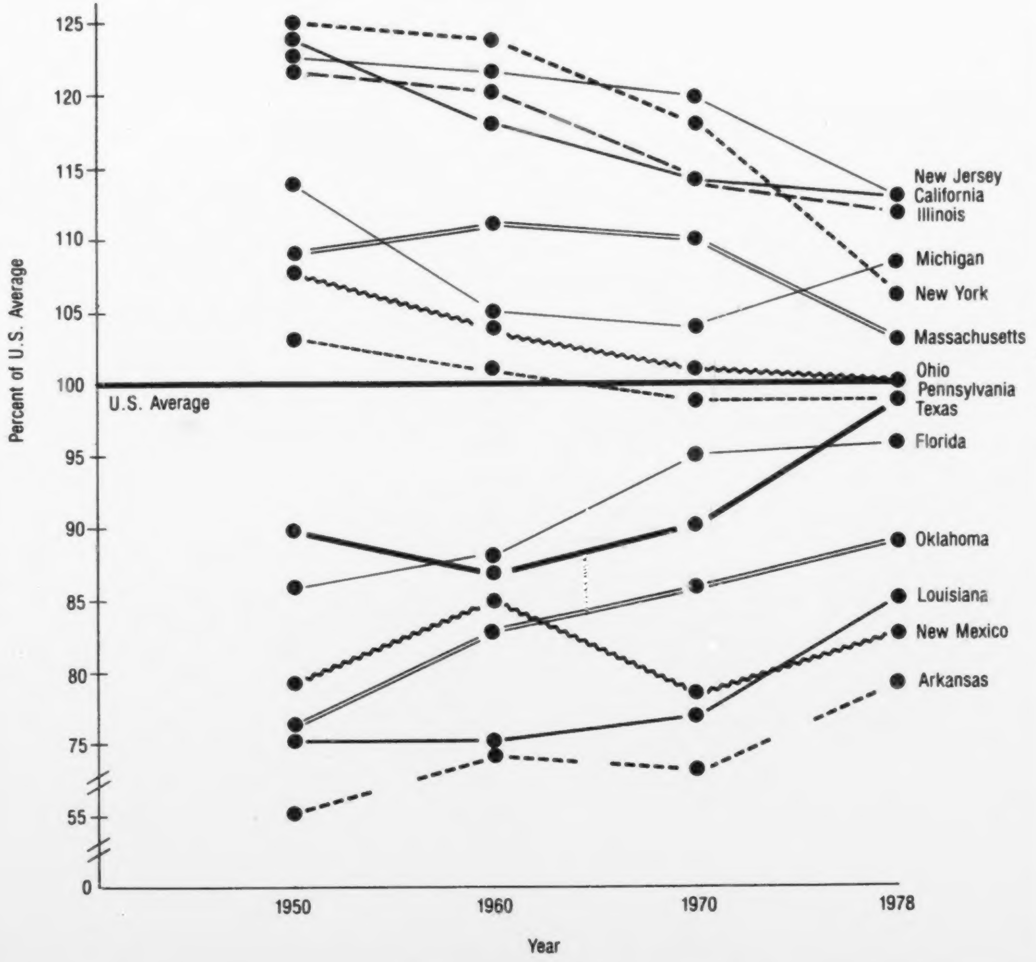


TABLE III-3

Personal Income in Texas By Major Sources

(millions of dollars)

Income by Place of Work	**1958**	**1963**	**1968**	**1973**	**1976**	**1977**	**1978**
Total labor and proprietors income[1]	14.086	17.035	26.630	42.470	60.135	68.499	78.957
BY TYPE							
Wage and salary disbursements	10.814	13.733	21.835	34.434	49.920	56.364	65.377
Other labor income	466	658	1.241	2.506	4.561	5.478	6.511
Proprietors income[2]	2.805	2.644	3.554	5.529	5.654	6.657	7.068
Farm	845	538	669	1.902	807	1.051	847
Nonfarm[2]	1.960	2.105	2.885	3.628	4.847	5.607	6.221
BY INDUSTRY							
Farm	1.078	788	916	2.181	1.131	1.418	1.207
Nonfarm	13.007	16.247	25.714	40.289	59.004	67.081	77.750
Private	10.750	13.249	20.962	32.566	48.586	55.836	65.559
Agricultural service, forestry, fisheries, and other[3]	37	52	92	155	227	270	357
Mining	923	897	1.098	1.387	3.070	3.401	4.333
Construction	898	1.137	1.901	3.069	4.830	5.613	6.661
Manufacturing	2.635	3.269	5.607	8.109	11.860	13.590	15.749
Nondurable goods	(1.367)	(1.649)	(2.375)	(3.514)	(5.224)	(5.925)	(6.638)
Durable goods	(1.268)	(1.620)	(3.232)	(4.594)	(6.636)	(7.665)	(9.111)
Transportation and public utilities	1.180	1.387	1.980	3.373	4.744	5.545	6.430
Wholesale trade	968	1.239	1.913	3.154	4.960	5.526	6.486
Retail trade	1.777	2.081	3.076	4.790	6.623	7.479	8.606
Finance, insurance, and real estate	676	924	1.466	2.293	3.200	3.941	4.650
Services	1.656	2.263	3.828	6.235	9.071	10.471	12.288
Government and government enterprises	2.258	2.997	4.753	7.723	10.419	11.245	12.191
DERIVATION OF PERSONAL INCOME BY PLACE OF RESIDENCE							
Total labor and proprietors income by place of work	14.086	17.035	26.630	42.470	60.135	68.499	78.957
Less: Personal contributions for social insurance by place of work	319	523	1.058	2.045	3.010	3.396	3.973
Net labor and proprietors income by place of work	13.766	16.512	25.573	40.425	57.125	65.103	74.984
Plus: Resident Adjustment	- 79	- 52	- 76	- 115	66	- 115	- 208
Net labor and proprietors income by place of residence	13.688	16.460	25.496	40.310	57.192	64.988	74.776
Plus: Dividends, interest and rent[4]	2.170	3.136	4.638	7.841	11.717	13.561	15.239
Plus: Transfer payments	1.000	1.509	2.628	5.382	8.852	9.698	10.625
Personal income by place of residence	16.858	21.106	32.762	53.533	77.760	88.247	100.601

( ) = Non-add figures

[1] Consists of wage and salary disbursements, other labor income, and proprietors' income.

[2] Includes the capital consumption adjustment for nonfarm proprietors.

[3] Includes wages and salaries of U.S. residents working for international organizations.

[4] Includes the capital consumption adjustment for rental income of persons.

Note: Estimates for years prior to 1975 are based on the 1967 Standard Industrial Classification (SIC); later estimates are based on the 1972 SIC.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, August 1979, Vol. 59, No. 8, Part II.

FIGURE III-3

Texas

Personal Nonfarm Income by Major Industry Source

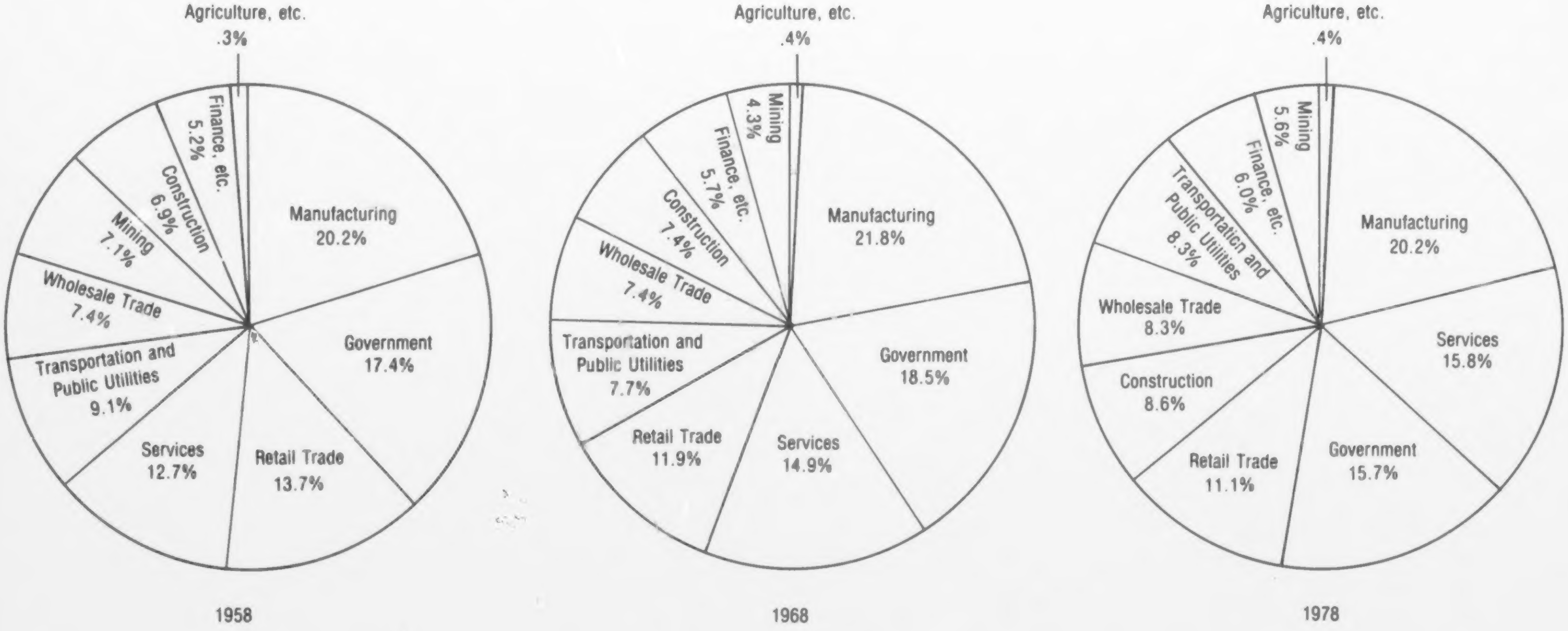


TABLE III-4

Texas Labor Force and Employment Estimates

(thouands)

	Total Civilian Labor Force	Employed	Unemployed	Percent Of Labor Force Unemployed	Exhibit: Percent Of U.S. Labor Force Unemployed
1970	4,607.6	4,402.6	205.0	4.4	4.9
1971	4,369.1	4,135.8	233.3	5.3	5.9
1972	4,863.6	4,644.1	219.5	4.5	5.6
1973	4,971.3	4,777.5	193.8	3.9	4.9
1974	5,153.2	4,931.8	221.4	4.3	5.6
1975	5,311.9	5,016.0	295.9	5.6	8.5
1976	5,563.7	5,244.1	319.6	5.7	7.7
1977	5,770.5	5,461.9	308.6	5.3	7.0
1978	6,012.0	5,723.0	289.0	4.8	6.0
1979	6,243.6	5,980.4	263.2	4.2	5.8[1]

[1] Jan. – May seasonally adjusted average.

Source: Texas Employment Commission, Economic Research – Analysis Department and U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States*, 1979.

FIGURE III-4

Employment in Texas in the 1970's

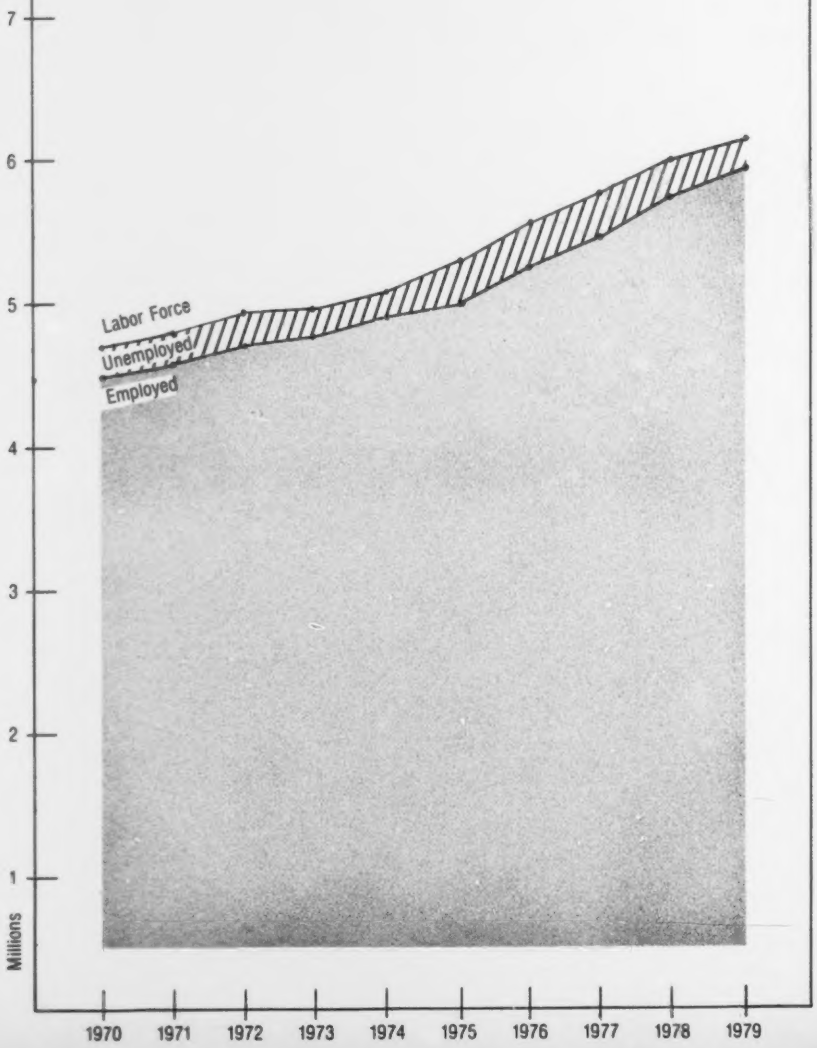


TABLE III-5
PART I
Texas
Wage and Salary Payments By Major Industry
(thousands of dollars)

	1958[1]	1963[1]	1968[1]	1973[1]	1978[2]
Farm	232,521	248,508	244,345	273,364	349.952
Ag. Services, Forestry, Fisheries, And Other	18,703	31,047	57,672	102,991	268,099
Agricultural Services	10,405	22,715	46,263	81,971	225,641
Forestry, Fisheries, and Other	8,298	8,332	11,409	21,020	42,458
Forestry	0	76	512	617	[4]
Fisheries	8,078	7,906	10,387	19,503	30,722
Other	220	350	510	900	[4]
Mining	712,994	758,269	862,025	1,252,469	3,444,634
Coal Mining	na	na	na	0	9,879
Bituminous and Lignite	na	na	na	0	9,879
Oil and Gas Extraction	678,816	724,417	817,628	1,193,172	3,315,549
Metal Mining	1,750	1,846	2,158	3,008	15,223
Nonmetallic Minerals, Except Fuels	32,428	32,006	42,239	56,289	103,983
Construction	653,420	826,396	1,480,093	2,353,328	5,292,061
General Building Contractors	200,025	262,962	504,405	739,337	1,149,244
Heavy Construction Contractors	200,861	230,961	394,990	650,054	2,225,815
Special Trade Contractors	252,534	332,473	580,698	963,937	1,917,002
Manufacturing	2,323.791	2,916,855	5,027,812	7,139,573	13,468,490
Nondurable Goods	1,180,026	1,452,003	2,110,705	3,110,092	5,700,202
Food and Kindred Products	311,216	360,606	490,602	663,399	1,158,634
Textile Mill Products	21,595	22,774	37,955	[4]	61,830
Apparel & Other Textile Products	88,275	134,987	230,794	378,937	568,984
Paper and Allied Products	48,714	68,034	110,028	171,377	322,551
Printing, Publishing and Allied Industries	125,262	161,113	238,699	369,513	629,461
Chemicals and Allied Products	257,953	368,338	565,249	808,250	1,605,550
Petroleum Refining & Related Industries	293,821	286,443	339,504	471,033	945,816
Tobacco Manufacturing	357	383	417	[4]	820
Rubber and Misc. Plastic Products	23,726	38,995	76,692	163,492	345,963
Leather and Leather Products	9,107	10,330	20,825	34,520	60,593
Durable Goods	1,143,765	1,464,852	2,917,107	4,029,481	7,768,288
Lumber & Wood Products Excl. Furniture	54,671	68,155	102,062	171,266	384,737
Furniture and Fixtures	38,743	47,351	82,652	127,577	170,783
Primary Metal Industries	130,246	158,063	242,572	396,621	728,313
Fabricated Metal Products	142,707	187,564	342,845	601,569	1,228,928
Machinery, Except Electrical	197,591	258,246	480,948	802,536	2,031,627
Electrical and Electronic Machinery	58,130	170,552	406,212	569,798	1,177,199
Transportation Equip. Excl. Motor Vehicle	348,371	308,678	774,628	655,658	953,464
Motor Vehicles & Motor Vehicle Equipment	35,831	55,333	97,281	119,688	201,260
Ordnance	8,279	31,596	96,756	68,120	0
Stone, Clay, Glass and Concrete Products	92,112	124,775	187,081	289,758	554,891
Instruments and Related Products	18,235	30,482	66,625	152,087	216,568
Miscellaneous Manufacturing Industries	18,849	24,057	37,445	74,803	120,518
Transportation, Comm. and Public Utilities	1,069,492	1,240,969	1,736,271	2,869,046	5,252,365
Railroad Transportation	262,641	240,294	263,871	409,358	577,468
Motor Freight Trans. and Warehousing	196,828	251,685	388,470	646,676	1,212,197
Water Transportation	54,884	83,775	114,842	178,979	337,811
Other Transportation	181,721	204,877	325,127	511,084	938,961
Local, Suburban and Highway Passenger	47,245	45,811	53,658	69,082	109,940
Air Transportation	58,333	84,901	191,987	329,519	591,388
Pipeline Transportation	59,626	54,422	55,418	66,035	110,646
Transportation Services	16,517	19,743	24,064	46,448	126,987
Communications	171,833	219,407	308,637	595,372	1,195,890
Electric, Gas, and Sanitary Services	201,585	240,931	335,324	527,577	990,038
Wholesale Trade	789,056	1,031,179	1,654,039	2,717,891	5,650,886
Retail Trade	1,226,288	1,556,275	2,392,447	3,860,918	7,240,037
Building Materials and Related Products	127,666	146,797	175,466	278,269	428,873
Retail General Merchandise	211,962	289,481	488,542	765,342	1,030,597
Food Stores	176,210	229,187	356,084	586,518	1,308,153
Automotive Dealers and Gasoline Stations	266,413	328,682	513,554	808,584	1,402,812
Apparel and Accessory Stores	79,550	96,755	142,834	207,770	456,207
Furniture, Home Furnishings and Equipment	70,870	83,681	125,573	216,565	393,778
Eating and Drinking Places	150,382	201,634	340,259	584,314	1,371,508
Miscellaneous Retail Stores	143,235	180,058	250,135	413,556	848,109
Finance, Insurance and Real Estate	473,840	670,309	1,060,696	1,869,766	3,500,770
Banking	122,985	173,537	259,278	443,364	846,212
Other Finance, Insurance and Real Estate	350,855	496.772	801,418	1,426,402	2,654,558
Credit Agencies Other than Banks	59,568	89,284	132,488	223,562	424,109
Security and Commodity Brokers & Services	13,949	25,024	77,430	104,360	198,156
Insurance Carriers	171,567	234,537	344,302	513,116	912,713
Insurance Agents, Brokers and Services	40,954	51,249	73,115	135,797	293,225
Real Estate	54,007	80,062	153,073	394,868	636,922
Combinations of Real Estate and Other	6,182	6,265	4,687	5,875	7,945
Holding and Other Investment Companies	4,628	10,351	16,323	48,824	181,488
Services	1,060.633	1,479,450	2,627,631	4,404,724	9,079,339
Hotels and Other Lodging Places	54,983	74,209	137,078	214,097	376,021
Personal Services	138,962	174,772	259,715	286,634	467,179
Private Households	225,591	249,620	333,761	384,409	536,128
Business and Repair Services	152,336	240,010	488,486	913,012	2,313,601
Misc. Business Services	76,049	133,320	309,132	629,169	1,721,514
Auto Repair, Auto Services and Garages	43,334	62,650	99,774	165,928	344,593
Misc. Repair Services	32,953	44,040	79,580	117,915	247,494
Amusement and Recreation Services	51,023	65,263	99,971	157,602	284,136
Amusement and Recreation Services NEC	29,775	45,334	72,574	120,815	226,934
Motion Pictures	21,248	19,929	27,397	36,787	57,202
Professional, Social & Related Services	437,738	675,576	1,308,620	2,448,970	5,102,274
Medical and Other Health Services	153,527	237,184	486,498	1,108,063	2,538,716
Legal Services	21,083	32,060	48,471	120,581	310,638
Private Educational Services	53,916	83,510	183,978	285,178	372,904
Social Services	NA	NA	NA	NA	321,729
Museums	2,885	2,959	3,936	4,632	8,951
Nonprofit Membership Organizations	137,054	215,302	322,245	458,022	552,949
Miscellaneous Services	69,273	104,561	263,492	472,494	996,387
Government	2,253,760	2,973,984	4,691,743	7,590,305	11,830,521
Federal Civilian	596,329	772,532	1,255,801	1,861,997	2,713,984
Federal Military	697,140	765,735	1,065,493	1,567,304	1,767,722
State and Local	960,291	1,435,717	2,370,449	4,161,004	7,348,815
TOTAL	10,814,498	13,733,241	21,834,774	34,434,375	65,377,154

(Notes attached at end of Table III-5 Part II.)

TABLE III-5
PART II
Texas
Employment[3] By Major Industry

	1968[1]	1973[1]	1978[2]
Farm	111,744	88,716	83,000
Ag. Services, Forestry, Fisheries, And Other[5]	15,240	19,108	41,366
Agricultural Services	12,476	16,315	38,171
Forestry, Fisheries, and Other[5]	2,764	2,793	3,195
Forestry	627	97	[4]
Fisheries	2,097	2,656	2,335
Other[5]	40	40	[4]
Mining	103,778	105,953	181,919
Coal Mining	0	0	411
Bituminous and Lignite	0	0	411
Oil and Gas Extraction	97,378	99,503	173,602
Metal Mining	301	315	975
Nonmetallic Minerals, Except Fuels	6,099	6,135	6,931
Construction	223,947	272,506	384,081
General Building Contractors	77,588	83,689	88,831
Heavy Construction Contractors	56,093	71,160	135,434
Special Trade Contractors	90,266	117,657	159,816
Manufacturing	714,260	795,319	960,245
Nondurable Goods	315,317	357,212	412,332
Food and Kindred Products	84,274	86,065	96,698
Textile Mill Products	8,087	[4]	6,241
Apparel & Other Textile Products	54,662	74,044	75,105
Paper and Allied Products	15,524	17,607	21,368
Printing, Publishing and Allied Industries	38,045	45,279	55,174
Chemicals and Allied Products	62,022	63,702	77,695
Petroleum Refining & Related Industries	36,526	36,336	43,277
Tobacco Manufacturing	90	[4]	91
Rubber and Misc. Plastic Products	11,820	19,711	28,810
Leather and Leather Products	4,267	6,353	7,873
Durable Goods	398,943	438,107	547,913
Lumber & Wood Products Excl. Furniture	21,705	26,499	37,593
Furniture and Fixtures	15,974	19,817	18,687
Primary Metal Industries	32,296	37,793	42,955
Fabricated Metal Products	49,616	66,075	87,926
Machinery, Except Electrical	64,559	82,387	132,783
Electrical and Electronic Machinery	54,455	62,064	84,246
Transportation Equip. Excl. Motor Vehicle	87,799	59,700	55,704
Motor Vehicles & Motor Vehicle Equipment	11,299	12,143	15,690
Ordnance	14,934	7,981	—
Stone, Clay, Glass and Concrete Products	29,124	34,525	42,438
Instruments and Related Products	10,425	18,349	17,769
Miscellaneous Manufacturing Industries	6,757	10,774	12,122
Transportation, Comm. and Public Utilities	246,944	279,967	327,954
Railroad Transportation	31,146	29,701	28,588
Motor Freight Trans. and Warehousing	61,610	70,806	87,634
Water Transportation	21,661	22,962	21,595
Other Transportation	40,817	44,824	54,449
Local, Suburban and Highway Passenger	9,845	9,699	9,383
Air Transportation	20,952	24,270	29,542
Pipeline Transportation	5,812	4,775	5,120
Transportation Services	4,208	6,080	10,404
Communications	46,787	59,622	74,944
Electric, Gas, and Sanitary Services	44,923	52,052	60,744
Wholesale Trade	235,510	284,524	372,918
Retail Trade	595,490	733,634	926,062
Building Materials and Related Products	33,944	39,357	41,794
Retail General Merchandise	123,076	151,847	138,701
Food Stores	93,347	111,950	149,624
Automotive Dealers and Gasoline Stations	97,117	112,977	124,795
Apparel and Accessory Stores	38,379	44,397	68,929
Furniture, Home Furnishings and Equipment	24,563	32,043	40,527
Eating and Drinking Places	121,725	161,728	252,336
Miscellaneous Retail Stores	63,339	79,335	109,356
Finance, Insurance and Real Estate	176,079	235,177	291,615
Banking	42,545	57,278	76,085
Other Finance, Insurance and Real Estate	133,534	177,899	215,530
Credit Agencies Other than Banks	22,327	28,540	35,684
Security and Commodity Brokers & Services	5,282	6,242	7,105
Insurance Carriers	54,503	59,655	72,254
Insurance Agents, Brokers and Services	14,121	18,227	24,334
Real Estate	34,041	59,968	65,815
Combinations of Real Estate and Other	1,216	1,035	997
Holding and Other Investment Companies	2,044	4,232	9,341
Services	721,160	836,059	1,033,231
Hotels and Other Lodging Places	44,862	48,944	56,461
Personal Services	69,854	58,725	61,772
Private Households	188,730	165,757	148,629
Business and Repair Services	96,575	149,082	224,084
Misc. Business Services	60,949	106,623	167,340
Auto Repair, Auto Services and Garages	21,279	25,746	35,212
Misc. Repair Services	14,347	16,713	21,532
Amusement and Recreation Services	26,862	32,773	40,160
Amusement and Recreation Services NEC	17,459	23,397	31,044
Motion Pictures	9,403	9,376	9,116
Professional, Social & Related Services	294,277	380,778	502,125
Medical and Other Health Services	122,557	184,145	257,071
Legal Services	9,161	13,814	22,465
Private Educational Services	45,515	49,788	38,254
Social Services	NA	NA	51,611
Museums	741	761	1,262
Nonprofit Membership Organizations	83,146	88,137	73,219
Miscellaneous Services	33,157	44,133	58,243
Government	868,414	972,944	1,084,523
Federal Civilian	165,387	160,341	162,893
Federal Military	242,117	207,673	185,447
State and Local	460,910	604,930	736,183
TOTAL[6]	4,012,566	4,623,907	5,686,914

[1] Estimates based on 1967 standard industrial classification.
[2] Estimates based on 1972 standard industrial classification.
[3] Consists of full and part time employment.
[4] Not shown to avoid disclosure of confidential information.
[5] Includes the number of U.S. residents employed by international organizations in the U.S.
[6] Includes wage and salary employment plus number of proprietors.

Source: Regional Economic Information System, Bureau of Economic Analysis, Department of Commerce.

TABLE III-6

Texas State and Local Government Employment and Payrolls

	1957[1]	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total Employees (FTE)	241,289	364,872	453,807	476,782	494,615	533,988	547,346	582,784	605,699	630,592	650,180
State	45,392	78,411	111,677	118,121	122,902	129,299	135,707	147,855	159,243	162,987	165,587
Local	195,897	286,462	342,130	358,661	371,713	404,689	411,639	434,929	446,456	467,605	484,593
Counties	26,443	32,361	35,577	36,049	36,898	40,642	50,284	52,152	52,697	56,954	58,549
Cities	58,361	79,196	84,042	89,034	91,885	98,526	102,096	108,638	111,643	116,236	116,836
School Districts	104,965	160,751	204,527	214,406	222,151	238,416	240,235	259,098	266,882	281,216	291,728
Special Districts	6,128	14,154	17,984	19,172	20,779	27,105	19,024	15,041	15,234	13,199	17,480
Total Payroll ($1000's)	70,495	151,432	265,173	283,115	307,241	371,847	406,558	483,599	534,328	588,035	645,134
State	12,941	33,291	70,936	76,123	85,431	101,776	111,014	137,757	154,353	164,387	181,727
Local	57,554	118,142	194,237	206,993	221,810	270,071	295,544	345,842	379,975	423,648	463,407
Counties	6,666	10,668	15,174	16,603	18,284	22,005	30,164	32,945	36,961	40,734	47,892
Cities	16,482	29,659	47,536	51,362	57,411	66,747	76,142	87,004	97,007	106,737	118,080
School Districts	32,897	73,018	123,686	130,568	136,158	166,380	177,295	215,650	233,473	263,915	281,929
Special Districts	1,508	4,796	7,843	8,462	9,959	14,939	11.942	10,242	12,533	12,262	15,505

[1] April data; all other years are October data.

Source: U.S. Department of Commerce, Bureau of the Census, *Public Employment in Texas (annual)*, except 1957 Census of Governments, *Compendium of Public Employment.*

TABLE III-7

Consumer Price Index (All Items)

Urban Dwellers

(1967 = 100)

	United States	Dallas-Ft. Worth	Houston
1950	72.1	NA	NA
1960	88.7	NA	89.2
1965	94.5	93.8	94.8
1970	116.3	117.8	116.8
1971	121.3	121.3	120.9
1972	125.3	124.9	125.2
1973	133.1	132.0	132.3
1974	147.1	145.3	147.8
1975	161.2	158.2	164.9
1976	170.5	167.7	177.3
1977	181.5	180.2	190.2
1978	195.4	194.0	208.2
1979	217.4	218.6	235.7

Source: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1979*, and Bureau of Labor Statistics, Dallas.

TABLE III-8

Personal Consumption Expenditures

Implicit Price Deflator

(1972 = 100)

Year	Index
1960	71.7
1965	77.1
1970	92.5
1971	96.6
1973	105.5
1974	116.9
1975	126.4
1976	133.1
1977	140.7
1978	150.3

Source: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1979.*

TABLE III-9

Producer Price Index (All Commodities)

(1967 = 100)

	United States
1950	81.8
1960	94.9
1965	96.6
1970	110.4
1971	114.0
1972	119.1
1973	134.7
1974	160.1
1975	174.9
1976	183.0
1977	194.2
1978	209.3
1979	235.5

Source: U.S. Department of Commerce, Bureau of the Census, *Statistical Abstract of the United States, 1979* and Bureau of Labor Statistics, Dallas.

TABLE III-10

New Private Housing Units Permitted, United States and Texas

	1970[1]	1971[1]	1972[2]	1973	1974	1975	1976	1977	1978
UNITED STATES – Total	1,351,534	1,924,625	2,218,922	1,819,535	1,074,366	939,159	1,296,173	1,690,024	1,800,501
TEXAS – Total	93,504	123,719	129,439	104,634	68,734	62,285	97,111	136,212	169,743
Single Unit	36,840	53,605	55,669	41,611	34,091	39,138	52,144	68,417	93,961
Two Units Or More	56,664	70,114	73,770	63,023	34,643	23,147	44,967	67,795	75,782

[1] 13,000 Permitting Places
[2] 14,000 Permitting Places (1972 and later years)

Source: U.S. Department of Commerce, Bureau Of The Census, *Housing Authorized by Building Permits and Public Contracts* (Annual)

FIGURE III-5

Private Housing Permits Issued in Texas and U.S. in the 1970's

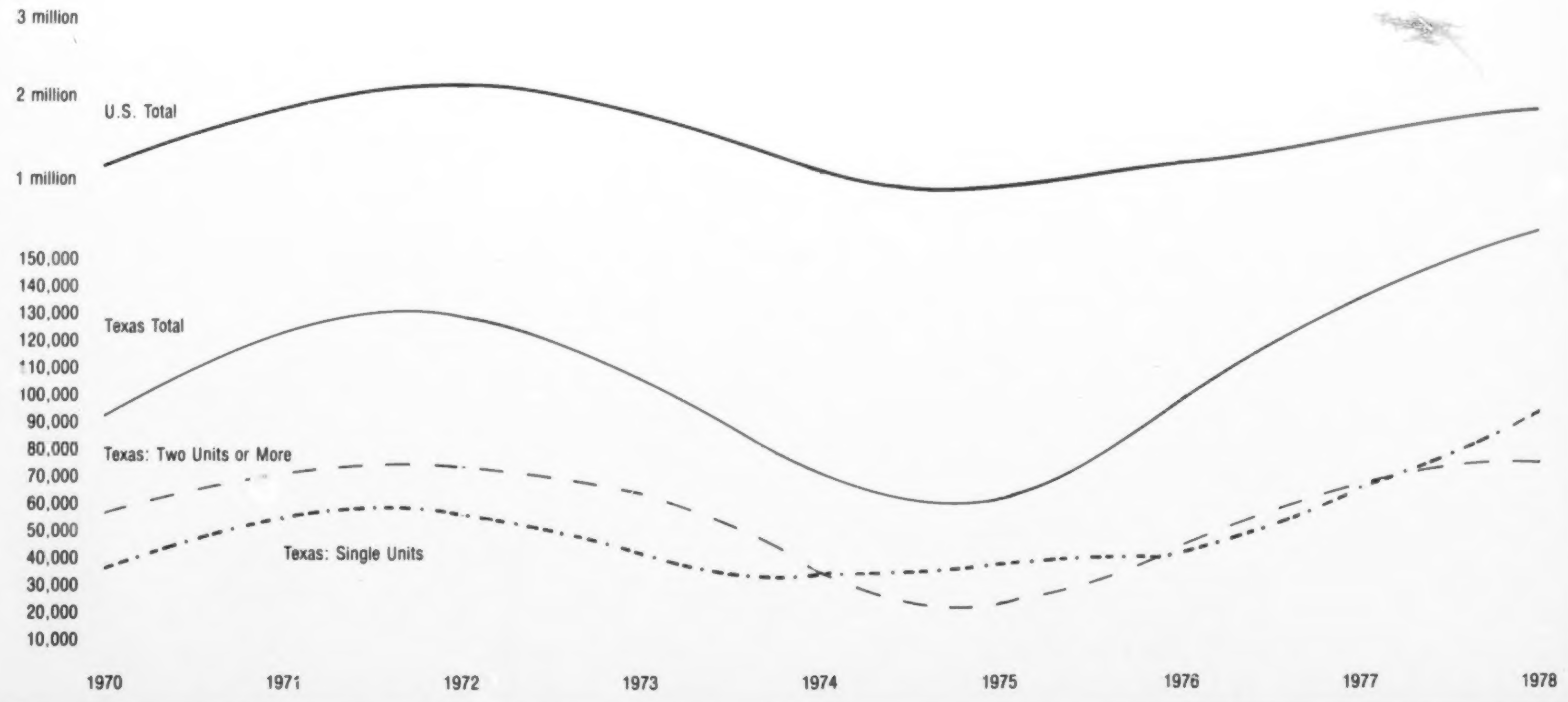


TABLE III-11
Texas
Housing Units and Occupancy

	1950			1960			1970		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Housing Units	1,494,538	899,290	2,393,828	2,314,847	838,280	3,153,127	2,968,187	861,315	3,829,502
Occupied Units	1,409,071	780,107	2,189,178	2,097,087	681,029	2,778,116	2,732,420	701,576	3,433,996
Owner Occupied	788,296	453,244	1,241,540	1,347,192	452,285	1,799,477	1,700,225	522,244	2,222,469
Renter Occupied	620,775	326,863	947,638	749,895	228,744	978,639	1,032,195	179,332	1,211,527

Note: Because of changes in definitions from census to census, data may not be strictly comparable between decades.

Source: U.S. Department of Commerce, Bureau of the Census, *1950 United States Census of Housing, Texas General Characteristics*, *1960 Census of Housing, Vol. 1, States and Small Areas, Part 8, Texas # Wyoming*, and *1970 Census of Housing, Vol. 1, Housing Characteristics In States, Cities, and Counties, Part 45, Texas.*

FIGURE III-6

Occupied Housing Units in Texas

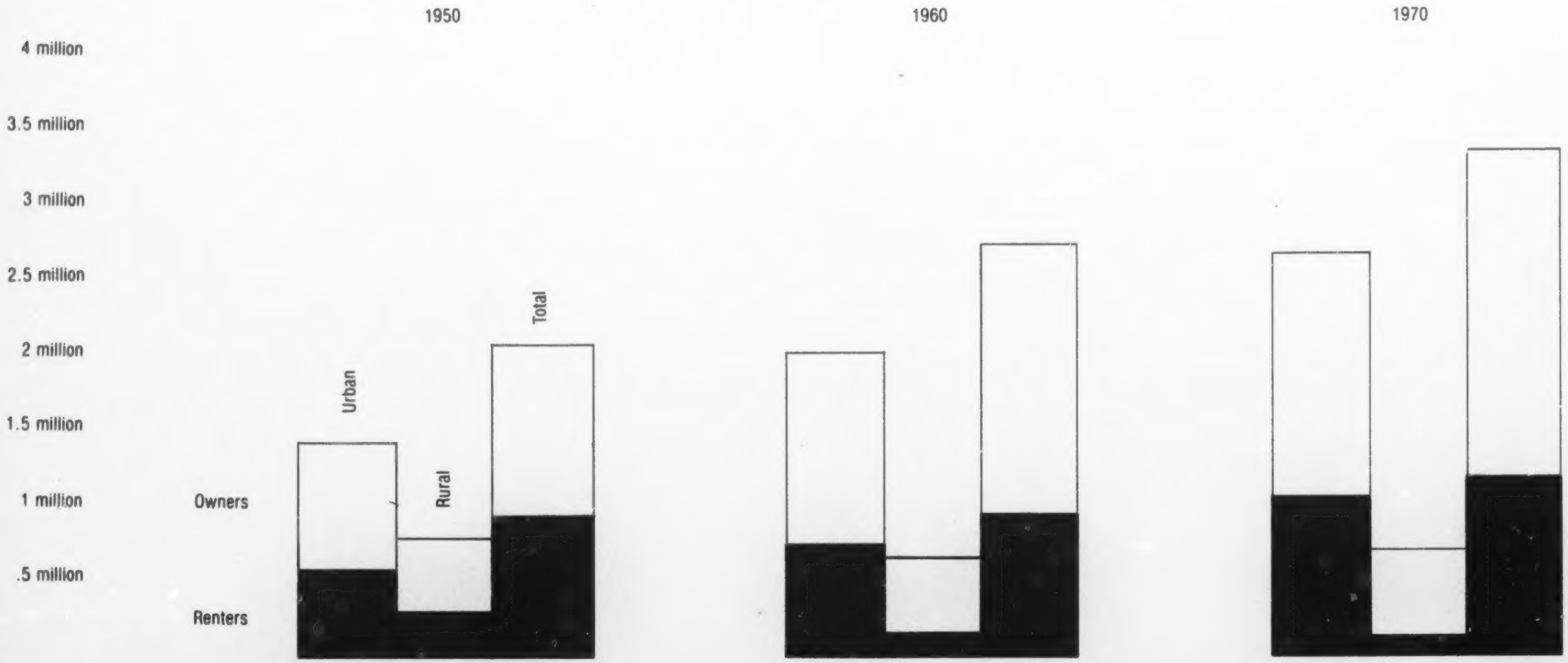


TABLE III-12

Texas

Housing Units by Type of Structure

	1950			1960			1970		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Total Units[1]									
1 Unit[2]	1,132,720	842,984	1,975,704	1,962,861	808,198	2,771,059	2,284,401	784,249	3,068,650
2 or more	347,452	48,181	395,633	325,725	19,291	345,016	631,503	25,131	656,634
Mobile Home or Trailer	14,366	8,125	22,491	26,119	10,759	36,878	47,977	35,145	83,122
Owner-Occupied									
1 Unit[2]	720,535	436,356	1,156,891	1,289,690	440,508	1,730,198	1,621,553	485,043	2,106,596
2 or more	56,835	10,293	67,128	34,850	2,343	37,193	39,995	6,871	46,866
Mobile Home or Trailer	10,926	6,227	17,521	22,899	9,444	32,343	38,677	30,330	69,007
Renter-Occupied									
1 Unit[2]	352,219	295,422	647,641	515,859	219,589	735,448	528,410	161,730	690,140
2 or more	265,116	29,911	295,027	230,558	7,789	238,347	494,485	12,787	507,272
Mobile Home or Trailer	1,530	3,440	4,970	3,220	1,315	4,535	9,300	4,815	14,115

[1] Includes vacant units.

[2] In 1950 census includes 1 and 2 dwelling units, semidetached.

Source: U.S. Department of Commerce, Bureau of the Census, *1950 United States Census of Housing, Texas, General Characteristics, 1960 Census of Housing, Vol. 1, States and Small Areas, Part 8, Texas # Wyoming*, and *1970 Census of Housing, Vol. 1, Housing Characteristics For States, Cities, and Counties, Part 45, Texas.*

TABLE III-13

Texas Housing Units by Persons Per Room

	1950			1960			1970		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Total									
1.0 or less	1,093,446	555,615	1,649,061	1,770,486	555,757	2,326,243	2,432,982	613,484	3,046,466
1.01 to 1.50	148,588	98,962	247,550	195,509	69,676	265,185	196,026	53,977	250,003
1.51 or more	144,994	107,020	252,014	131,092	55,596	186,688	103,412	34,115	137,527
Owner-Occupied									
1.0 or less	653,522	356,014	1,009,536	1,185,512	391,460	1,576,972	1,544,639	470,066	2,014,705
1.01 to 1.50	65,541	45,995	111,536	105,874	36,962	142,836	108,362	33,864	142,226
1.51 or more	57,455	40,655	98,110	55,806	23,863	79,669	47,224	18,314	65,538
Renter Occupied									
1.0 or less	439,924	199,601	639,525	584,974	164,297	749,271	888,343	143,418	1,031,761
1.01 to 1.50	83,047	52,967	136,014	89,635	32,714	122,349	87,664	20,113	107,777
1.51 or more	87,539	66,365	153,904	75,286	31,733	107,019	56,188	15,801	71,989

Source: U.S. Department of Commerce, Bureau of the Census, *1950 United States Census of Housing, Texas General Characteristics, 1960 Census of Housing, Vol. 1, States and Small Areas, Part 8, Texas – Wyoming*, and *1970 Census of Housing, Vol. 1, Housing Characteristics For States, Cities, and Counties, Part 45, Texas.*

HUMAN SERVICES

Mental Health/Mental Retardation

Costs
Personnel and facilities
State schools
State hospitals
Community centers

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE IV-1

Texas Department of Mental Health-Mental Retardation

Summary Of Operating Costs, Sources Of Funds And Billings

By Fiscal Year

(in thousands)

	Total Operating Costs[1]						Grants-In-Aid	Total Expenditures	Source of Funds			Billings[5]	
Fiscal Year	Hospitals	Schools[2]	HDC's[3]	TRIMS[4]	Cent Off[3]	Com Svcs[4]			Federal	State	Other[6]	ICF-MR	Title XX
1979	$111,641	$150,326	$9,271	$7,608	$8,010	$17,458	$42,555	$346,869	$8,422	$332,458	$5,989	$117,858	$5,671
1978	104,943	146,230	8,478	7,289	7,622	16,645	40,733	331,940	8,488	315,758	7,694	96,966	3,317
1977	94,614	135,345	7,299	7,318	7,371	16,399	37,950	306,296	8,679	291,394	6,223	87,918	3,645
1976	84,661	114,155	4,831	5,868	7,191	14,998	26,647	258,351	9,711	242,967	5,673	69,782	na
1975	67,802	87,020	2,845	5,193	5,874	12,407	16,125	197,266	9,249	182,296	5,721	49,680	na
1974	58,302	67,725	1,773	5,313	5,665	8,059	12,517	159,354	8,275	147,200	3,879	9,388	na
1973	51,354	55,771	1,332	4,467	4,611	6,611	8,500	132,646	6,725	122,828	3,093	7,765	na
1972	47,483	50,632	1,115	4,476	4,312	1,686	5,543	115,247	6,503	106,812	1,932	na	na
1971	41,876	41,804	1,036	3,973	4,575	367	5,700	99,331	6,204	91,876	1,251	na	na
1970	40,407	36,170	724	4,066	3,799	320	4,710	90,196	5,489	84,277	430	na	na

[1] Excludes construction costs funded from Central Office Construction funds.
[2] Includes Rio Grande State Center.
[3] Excludes certain directly allocable costs which have been included with hospitals, schools, HDC's and TRIMS.
[4] Excludes State Grants-In-Aid to MHMR centers.
[5] Represents department billings only. Actual collections are less and contain an approximate 3-month delay in collection.
[6] Contracts for Services combined with Grants.

HDC = Human Development Center
TRIMS = Texas Research Institute of Mental Sciences
ICF-MR = Intermediate Care Facility-Mental Retardation
Source: Texas Department of Mental Health and Mental Retardation, Budget and Finance Section.

TABLE IV-2

Comparative Costs[1] For Patients In State Hospitals

For Five Largest States

Fiscal Year 1978

State	State Population (in thousands)	Inpatient Population	State Cost (in millions)	Cost Per Patient	Cost Per Capita
California	22,294	5,100	$155.8	$30,549	$ 6.98
New York	17,748	27,400	540.0	19,708	30.43
Texas	13,014	5,800	104.3	17,983	8.01
Pennsylvania	11,750	10,800	300.9	27,861	25.61
Ohio	10,749	5,700	132.9	23,316	12.36

[1] Cost data as contained in Legislative Budget requests for each state.

Source: Texas Department of Mental Health and Mental Retardation.

TABLE IV-3

Comparative Costs[1] For State Schools

For Five Largest States

Fiscal Year 1978

State	Per Diem Cost (in Dollars)	Rank Compared To All States
California	$64.19	5
New York	71.80	3
Texas	35.86	37
Pennsylvania	79.44	2
Ohio	55.00	10
U.S. Average	50.10	

[1] Cost data as contained in Legislative Budget requests for each state.

Source: Texas Department of Mental Health and Mental Retardation.

TABLE IV-4

Comparative Costs[1] For Community Centers

For Five Largest States

Fiscal Year 1978

State	State Cost (in thousands)	Cost Per Capita
California	$241,000	$10.81
New York	144,000	8.11
Texas	39,857	3.06
Pennsylvania	60,400	5.14
Ohio	53,700	5.00

[1] Cost data as contained in Legislative Budget requests for each state.

Source: Texas Department of Mental Health and Mental Retardation.

TABLE IV-5

TDMHMR Workforce As Of August 31, 1979

(Temporary Employees Not Included)

Job Category	Full Time	Other Than Full Time	Total	% Of Total
Officials/Administrators	355	4	359	1.4%
Professionals	3,584	139	3,723	14.7
Technicians	3,665	225	3,890	15.3
Protective Service	238	6	244	.9
Para-Professionals	9,446	146	9,592	37.7
Office/Clerical	2,804	78	2,882	11.3
Skilled Craft	797	0	797	3.1
Service Maintenance	3,375	537	3,912	15.4
TOTAL	24,264	1,135	25,399	100.0

Source: Texas Department of Mental Health and Mental Retardation, Information Systems Division, March 1980.

TABLE IV-6

Comparison Of The Number Of Full-Time Equivalent Employees

Of Mental Health And Mental Retardation Organizations

In Texas, New York and Pennsylvania,

Fiscal Year 1978

	State-Paid		Community Centers		Total	
State	Number	Per 10,000	Number	Per 10,000	Number	Per 10,000
Texas	25,312	19.4	4,122	3.2	29,434	22.6
New York	72,958	41.1	3,234	1.8	76,192	42.9
Pennsylvania	27,254	23.2	8,591	7.3	35,845	30.5

Source: Texas Department of Mental Health and Mental Retardation.

TABLE IV-7

Bed Capacities[1] Of The Various Types Of Facilities

Covered By TDMHMR — End Of Fiscal Year 1979

	State Hospitals	State Schools	Human Development Centers	Community Centers
Total Beds Available for Occupancy	6,891	11,160[2]	481	1,961
Number of Facilities	10	14	5	30

[1] Does not include facilities with outpatient services only.

[2] Does not include San Antonio State School, Rusk and Rio Grande.

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research.

TABLE IV-8

Clients Served[1] By Texas Department of Mental Health-Mental Retardation,

By Type Of Facility: 1972-1979

	State Hospitals		State Schools		Human Development Centers	Community Centers
Fiscal Year	Inpatient	Outreach	Inpatient	Outreach		
1972	31,696	18,003	14,409	na*	959	61,514
1973	29,758	19,171	14,476	na*	1,034	67,208
1974	27,747	24,101	15,117	na*	1,258	83,104
1975	25,966	24,788	14,172	2,826	1,105	90,862
1976	23,941	25,873	13,820	3,701	1,560	92,619
1977	22,788	26,803	13,201	3,616	2,311	94,966
1978	23,044	28,557	12,914	3,522	2,513	106,059
1979	22,773	29,152	12,448	3,732	2,451	105,719

[1] Represents unique clients served by unique facilities. Where a client is served by more than one State Hospital, or more than one type of facility, he/she will be counted more than once.

*Not open.

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research.

TABLE IV-9

Demographic Characteristics of Residents[1]

Of Texas State Schools

August 31, 1979

Sex	Number of Residents	Age Group	Number of Clients
Male	6,297	0-12	773
Female	5,083	13-17	1,405
Total	11,380	18-64	8,888
		65+	354
		Total	11,380

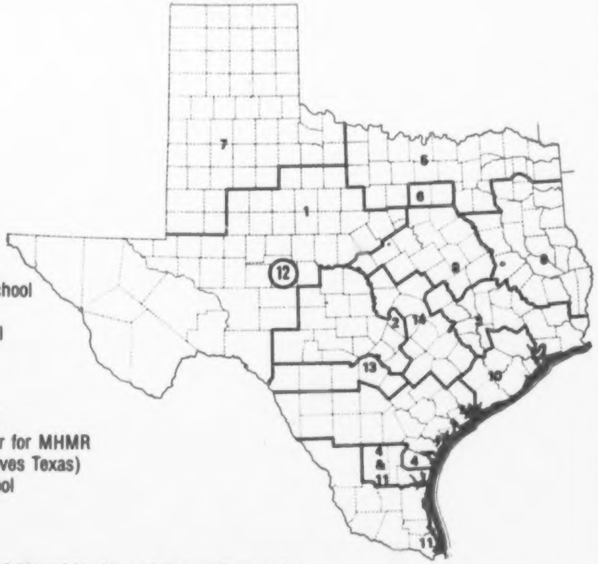
Ethnicity	Number of Residents	Adaptive Behavior Level	Number of Clients
White	8,082	No Retardation	64
Hispanic	1,700	Mild	676
Black	1,561	Moderate	2,160
Other	37	Severe	3,904
Total	11,380	Profound	4,545
		Not Reported	31
		Total	11,380

[1] Includes residents plus clients on furlough, unauthorized departures, or assignment to another facility.

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

FIGURE IV-1

State School Service Areas



1. Abilene State School
2. Austin State School
3. Brenham State School
4. Corpus Christi State School
5. Denton State School
6. Fort Worth State School
7. Lubbock State School
8. Lufkin State School
9. Mexia State School
10. Richmond State School
11. Rio Grande State Center for MHMR
⑫ San Angelo Center (serves Texas)
13. San Antonio State School
14. Travis State School

Source: Texas Department of Mental Health and Mental Retardation.

TABLE IV-10

State School Direct Discharges And Average Net Length Of Stay By Sex

Sex	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79
Male								
# of Clients Discharged	445	530	536	562	518	526	440	452
Average Net Length of Stay in Days	870	1,008	1,123	1,299	1,786	1,240	1,922	1,850
Female								
# of Clients Discharged	311	325	343	425	498	359	332	384
Average Net Length of Stay in Days	752	1,230	1,097	1,683	3,265	2,327	2,395	2,278
TOTAL								
# of Clients Discharged	756	855	879	987	1,016	885	772	836
Average Net Length of Stay in Days	821	1,092	1,112	1,465	2,511	1,681	2,126	2,046

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

TABLE IV-11

State School Direct Discharges And Average Net Lengths Of Stay By Ethnicity

Ethnicity	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79
Anglo								
# of Clients Discharged	483	564	528	634	715	628	557	555
Average Net Length of Stay in Days	830	1,234	1,218	1,832	3,066	1,877	2,296	2,321
Hispanic								
# of Clients Discharged	113	154	209	187	161	109	104	137
Average Net Length of Stay in Days	867	789	980	781	1,184	1,670	2,085	1,494
Black								
# of Clients Discharged	160	134	142	163	138	145	100	138
Average Net Length of Stay in Days	762	862	914	849	1,223	873	1,391	1,573
Other								
# of Clients Discharged	0	3	0	3	2	3	11	6
Average Net Length of Stay in Days	0	171	0	26	3	27	574	195
TOTAL								
# of Clients Discharged	756	855	879	987	1,016	885	772	836
Average Net Length of Stay in Days	821	1,092	1,112	1,465	2,511	1,681	2,126	2,046

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

TABLE IV-12

State School Direct Discharges And Average Lengths Of Stay By Age Groups

Age Group	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79
0-12								
# of Clients Discharged	194	170	203	243	220	222	154	189
Average Net Length of Stay in Days	114	99	125	118	130	131	152	127
13-17								
# of Clients Discharged	186	196	176	205	163	138	97	104
Average Net Length of Stay in Days	412	408	410	483	553	433	618	451
18-64								
# of Clients Discharged	372	483	495	492	513	490	505	523
Average Net Length of Stay in Days	1,265	1,598	1,713	1,796	2,548	2,466	2,901	3,023
65+								
# of Clients Discharged	4	6	5	47	120	35	16	20
Average Net Length of Stay in Days	12,929	10,847	6,501	9,248	9,378	5,442	5,781	2,933
TOTAL								
# of Clients Discharged	756	855	879	987	1,016	885	772	836
Average Net Length of Stay in Days	821	1,092	1,112	1,465	2,511	1,681	2,126	2,046

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

TABLE IV-13

Demographic Characteristics Of Residents Of Texas State Hospitals As Of August 31, 1979

Sex	Number of Clients
Male	3,254
Female	2,269
Total	5,523

Age Group	Number of Residents
0-12	52
13-17	267
18-64	4,109
65+	1,095
Total	5,523

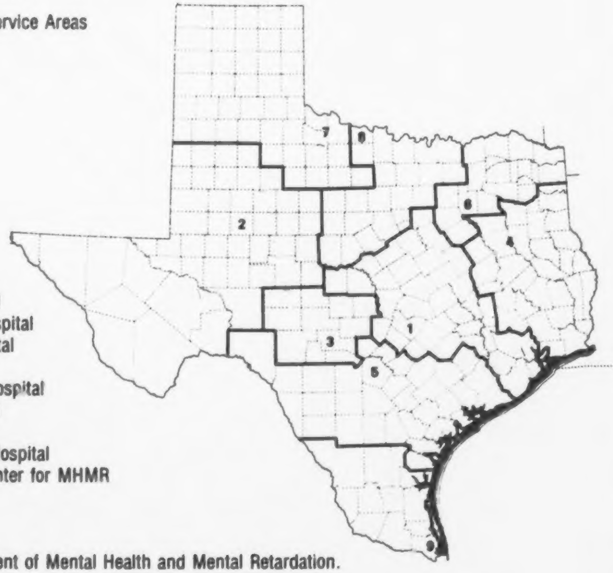
Ethnicity	Number of Clients
White	3,762
Hispanic	736
Black	994
Other	31
Total	5,523

Diagnosis	Number of Residents
Alcoholism	494
Drug Abuse	206
Mental Retardation	260
Schizophrenic	2,696
Other	1,867
Total	5,523

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

FIGURE IV-2

State Hospital Service Areas



1. Austin State Hospital
2. Big Spring State Hospital
3. Kerrville State Hospital
4. Rusk State Hospital
5. San Antonio State Hospital
6. Terrell State Hospital
7. Vernon Center
8. Wichita Falls State Hospital
9. Rio Grande State Center for MHMR

Source: Texas Department of Mental Health and Mental Retardation.

TABLE IV-14

State Hospital Direct Discharges And Average Net Lengths Of Stay By Sex

Sex	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79
Male								
# of Clients Discharged	11,519	11,476	12,117	13,627	13,691	12,531	12,595	12,610
Average Net Length of Stay in Days	145	164	251	440	303	129	100	82
Female								
# of Clients Discharged	7,030	6,882	7,059	7,689	7,251	6,638	6,719	6,853
Average Net Length of Stay in Days	366	363	496	917	497	204	134	140
TOTAL								
# of Clients Discharged	18,549	18,358	19,176	21,316	20,942	19,169	19,314	19,463
Average Net Length of Stay in Days	229	239	341	612	370	155	112	102

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

TABLE IV-15

State Hospital Direct Discharges And Average Net Lengths Of Stay By Age Groups

Age Group	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79
0-12								
# of Clients Discharged	76	67	71	111	104	98	104	107
Average Net Length of Stay in Days	164	129	147	155	152	153	135	178
13-17								
# of Clients Discharged	780	704	839	895	888	898	940	1,062
Average Net Length of Stay in Days	95	75	91	90	105	97	96	87
18-64								
# of Clients Discharged	16,242	16,192	16,370	18,243	18,541	17,018	16,996	17,102
Average Net Length of Stay in Days	134	130	187	383	314	130	92	80
65+								
# of Clients Discharged	1,451	1,395	1,896	2,067	1,409	1,155	1,274	1,192
Average Net Length of Stay in Days	1,368	1,585	1,791	2,882	1,289	562	390	437
TOTAL								
# of Clients Discharged	18,549	18,358	19,176	21,316	20,942	19,169	19,314	19,463
Average Net Length of Stay in Days	229	239	341	612	370	155	112	102

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

TABLE IV-16

State Hospital Direct Discharges And Average Net Lengths Of Stay By Ethnicity

Ethnicity	FY 72	FY 73	FY 74	FY 75	FY 76	FY 77	FY 78	FY 79
Anglo								
# of Clients Discharged	13,778	13,255	13,767	15,120	14,672	13,305	13,105	12,879
Average Net Length of Stay in Days	221	237	357	627	378	160	114	109
Hispanic								
# of Clients Discharged	1,908	2,282	2,430	2,858	2,805	2,585	2,670	2,972
Average Net Length of Stay in Days	157	143	295	704	321	144	127	85
Black								
# of Clients Discharged	2,820	2,775	2,921	3,280	3,407	3,226	3,464	3,512
Average Net Length of Stay in Days	320	330	309	468	382	145	96	95
Other								
# of Clients Discharged	43	46	58	58	58	53	75	100
Average Net Length of Stay in Days	48	69	169	111	53	144	52	50
TOTAL								
# of Clients Discharged	18,549	18,358	19,176	21,316	20,942	19,169	19,314	19,463
Average Net Length of Stay in Days	229	239	341	612	370	155	112	102

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

TABLE IV-17

Clients Served by Texas State Hospitals and Community Centers[1]: 1972-1979

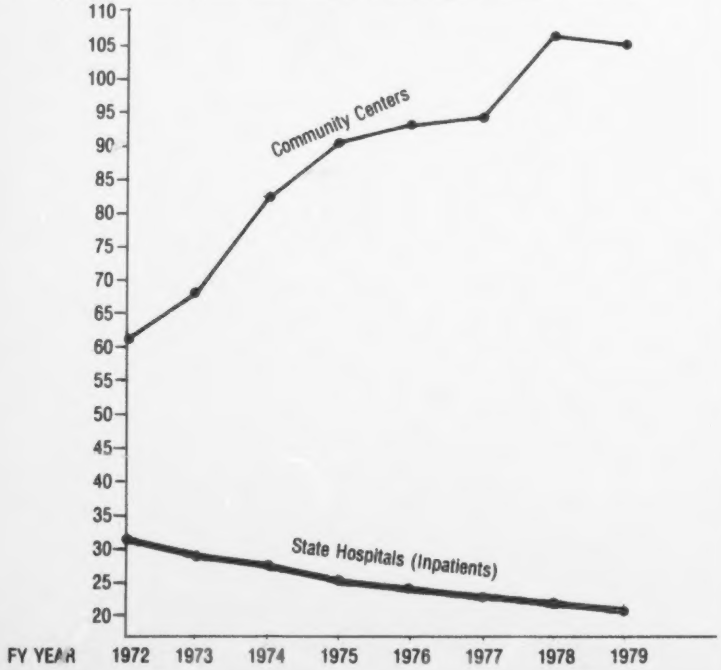
Fiscal Year	State Hospitals	Community Centers
1972	31,696	61,514
1973	29,758	67,208
1974	27,747	83,104
1975	25,966	90,862
1976	23,941	92,619
1977	22,788	94,966
1978	23,044	106,059
1979	22,773	105,719

[1] See note on Table IV-8.

Source: Texas Department of Mental Health and Mental Retardation, Program Analysis and Statistical Research, 1980.

FIGURE IV-3

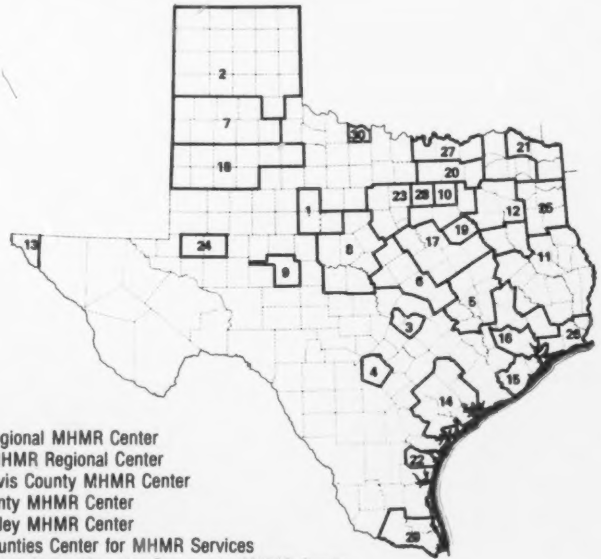
Clients Served by Texas State Hospitals and Community Centers: 1972-1979



[1] Hospital in-patient clients compared to community MHMR Center clients only.

FIGURE IV-4

Community MHMR Centers Service Areas



1. Abilene Regional MHMR Center
2. Amarillo MHMR Regional Center
3. Austin-Travis County MHMR Center
4. Bexar County MHMR Center
5. Brazos Valley MHMR Center
6. Central Counties Center for MHMR Services
7. Central Plains Comprehensive Community MHMR Center
8. Central Texas MHMR Center
9. Concho Valley Center for Human Advancement
10. Dallas County MHMR Center
11. Deep East Texas Regional MHMR Services
12. MHMR Regional Center of East Texas
13. El Paso Center for MHMR Services
14. Gulf Bend MHMR Center
15. Gulf Coast Regional MHMR Center
16. MHMR Authority of Harris County
17. Heart of Texas Region MHMR Center
18. Lubbock Regional MHMR Center
19. Navarro County MHMR Center
20. North Central Texas MHMR Services
21. Northeast Texas MHMR Center
22. Nueces County MHMR Community Center
23. Pecan Valley MHMR Region
24. Permian Basin Community Centers for MHMR
25. Sabine Valley Regional MHMR Center
26. MHMR of Southeast Texas
27. MHMR Services of Texoma
28. Trinity Valley MHMR Authority
29. Tropical Texas Center for MHMR
30. Wichita Falls Community MHRM Center

HUMAN SERVICES

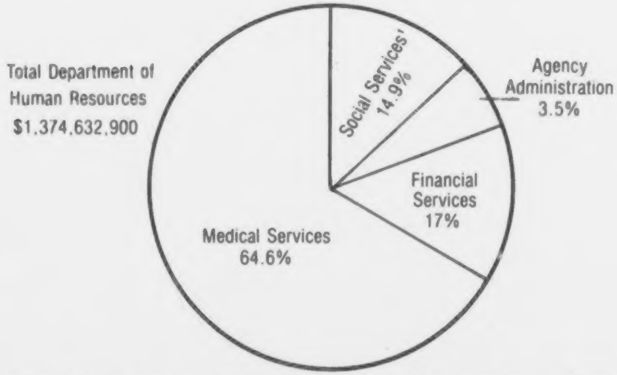
Public Assistance

Costs
Personnel and facilities
Recipients served
Recipient characteristics

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

FIGURE IV-5

Expenditures By Texas Department of Human Resources By Type: FY 1979

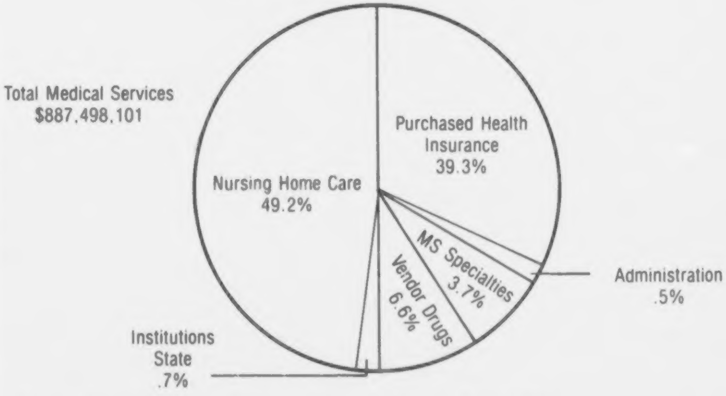


[1]This figure includes licensing of child caring and child placing agencies and facilities.

Source: Texas Department of Human Resources, *Annual Report, 1979.*

FIGURE IV-6

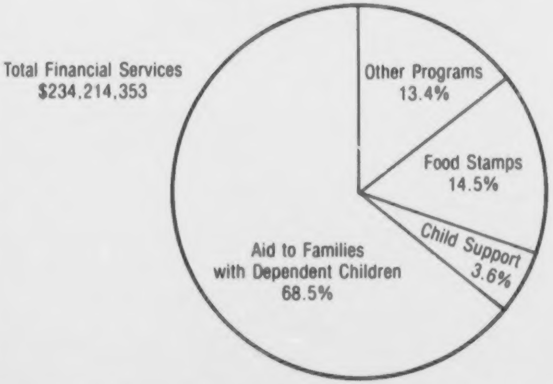
Expenditures By Texas Department of Human Resources for Medical Services By Type: FY 1979



Source: Texas Department of Human Resources, *Annual Report, 1979.*

FIGURE IV-7

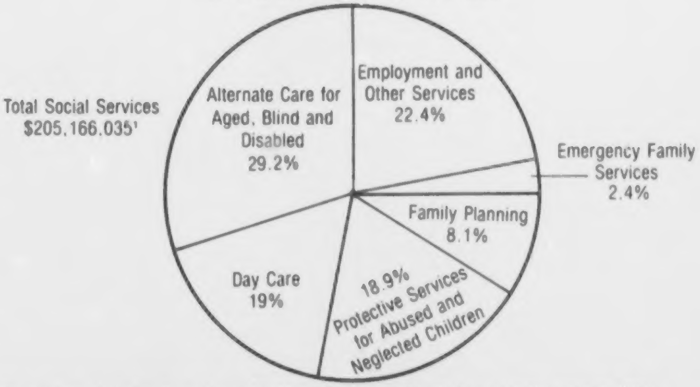
Expenditures By Texas Department of Human Resources For Financial Services By Type: FY 1979



Source: Texas Department of Human Resources, *Annual Report, 1979.*

FIGURE IV-8

Expenditures By Texas Department of Human Resources For Social Services By Type: FY 1979



[1]This figure includes licensing of child caring and child placing agencies and facilities.

Source: Texas Department of Human Resources, *Annual Report 1979.*

TABLE IV-18

Texas Department of Human Resources Total Expenditures For Welfare And Medical Assistance:

Fiscal Years 1973-1979

(in millions)

	1973	1974	1975	1976	1977	1978	1979
Total Expenditures[1]	$752	$725	$812	$1,077	$1,136	$1,222	$1,375
Percent of Funds from State Sources[2]	31%	34%	36%	34.7%	32.2%	36.0%	35.4%

[1] Includes administrative expenditures.

[2] The percentage of funds from state sources for fiscal years 1973-76 are percentages of program expenditures only. Administrative expenditures are not included.

Source: Texas Department of Human Resources. *Annual Reports*, 1973-1979.

TABLE IV-19

Texas Department of Human Resources Expenditures, By Region,[1], FY 1979

	Total	Social Services	Medicaid	AFDC Payments	Food Stamps
Region 1	$ 20,790,816	$ 4,663,136	$ 10,557,152	$ 1,109,288	$ 4,461,240
Region 2	124,313,138	4,251,602	110,466,283	2,060,286	7,534,967
Region 3	75,312,817	7,886,847	42,780,622	4,761,918	19,883,340
Region 4	114,023,880	8,898,924	93,185,016	2,918,858	9,021,082
Region 5	192,100,293	37,937,906	85,839,263	19,362,877	48,960,247
Region 6	124,559,103	21,483,436	69,241,591	9,218,278	24,615,798
Region 7	123,910,542	10,370,387	87,984,113	7,594,659	17,961,983
Region 8	280,777,756	20,657,104	152,932,956	20,469,147	86,718,549
Region 9	155,999,796	20,854,351	55,181,112	19,288,126	60,676,207
Region 10	47,051,875	10,614,290	16,276,910	5,545,056	14,614,989
Region 11	119,963,114	33,681,491	16,171,528	21,212,347	48,897,748
Region 12	19,519,548	3,287,308	10,747,743	1,710,737	3,773,760

[1] Except for Social Services, amounts do not include staff salaries, space rental, utilities, administrative support services, or postage.

Source: *Annual Report, 1979*. Texas Department of Human Resources.

TABLE IV-20

Texas Department of Human Resources Estimated Expenditures By Source Of Funds: Fiscal Year 1979

	Total $	Federal %	State %	Other %
SOCIAL SERVICES				
a. Protective Services for abused and neglected children	$38,833,576	68.64%	29.77%	1.59%
b. Hope Center for Youth	1,745,005		100.00	
c. Day Care for children	38,944,802[1]	81.51	12.43	6.06
d. Family Planning	16,633,493	89.86	4.46	5.68
e. Employment Services	10,411,836	73.23	15.40	11.37
f. Emergency Family Services	4,891,551	73.90	14.54	11.56
g. Alternative Care for aged, blind and disabled adults	59,993,920	74.83	22.15	3.02
h. Social Services purchased through interagency agreements	22,001,712	75.00	.95	24.05
i. Administration	5,742,445	74.84	24.50	.66
Total Social Services	$199,198,340	75.44	18.13	6.43
MEDICAL SERVICES				
a. Long Term Care payments	$397,965,198	60.66	39.34	0
b. Long Term Care payments—contingency	18,311,524	60.66	39.34	0
c. Long Term Care program support	20,658,806	69.10	30.90	0
d. Medical Assistance for patients in state institutions for mentally retarded, mentally ill and respiratory diseases	6,161,493[2]	84.94	15.06	0
e. Purchased Health Services payments	340,115,402	60.30	39.70	0
f. Title XIX Family Planning Services	3,177,753	90.00	10.00	0
g. Chiropractic Services	100,779	60.66	39.34	0
h. Purchased Health Services program support	5,501,497	57.60	40.70	1.70
i. Vendor Drug payments	52,300,314	60.66	39.34	0
j. Vendor Drug payments—contingency	5,004,625	60.66	39.34	0
k. Vendor Drug program support	1,317,273	70.05	29.95	0
l. Health screening, diagnosis and treatment of children (EPSDT)	19,064,786	64.91	34.89	0.20
m. Adult Dentures	8,342,778	60.77	39.23	
n. Hearing Aids	630,324	60.66	39.34	
o. Medical Transportation	3,814,739	61.48	38.52	
p. Medical Services Specialties program support	601,834	59.96	39.86	.18
q. Administration	4,428,976	65.19	33.53	1.28
Total Medical Services	$887,498,101	61.11	38.87	0.02
FINANCIAL SERVICES				
a. AFDC[3] assistance payments	$101,614,382	69.65	30.35	0
b. AFDC assistance payments—contingency	13,636,595	69.53	30.47	0
c. Nonrecurring payments for AFDC—($60 per child annually, made at the discretion of the Board of Human Resources)	12,778,140		100.00	0
d. AFDC Foster Care payments	8,387,071	25.92	74.08	0
e. AFDC program support	24,099,923	50.47	49.40	0.13
f. Child Support collections	8,333,607	74.97	0	25.03
g. Cuban Refugee assistance	43,651	100.00	0	0
h. American Nationals Repatriation	9,180	100.00	0	0
i. Disaster assistance	12,129,499	75.27	24.73	0
j. Indochinese Refugee assistance	3,218,794	100.00	0	0
k. Food Stamps	33,190,587	49.95	49.95	0.10
l. Food Stamps—contingency	871,804	50.00	50.00	0
m. Commodity Distribution	14,842,743	95.98	0	4.02
n. Administration	1,058,377	49.98	49.98	0.04
Total Financial Services	$234,214,353	61.93	36.90	1.17
GENERAL GOVERNMENT				
Licensing of child caring and child placing agencies and facilities	$5,967,695	74.82	25.15	.03
Total General Government	$5,967,695	74.82	25.15	.03
AGENCY ADMINISTRATION				
a. Administration– program support[4]	$47,014,281	60.75	38.49	.76
b. Special Projects	740,130	96.83		3.17
Total Agency Administration	$47,754,411	61.30	37.90	.80
GRAND TOTAL	$1,374,632,900	63.39	35.44	1.17

[1] Of this expenditure, 27.74% was federal money that required no state matching funds.

[2] Excludes expenditures from $10,000,000 revolving fund" established by state appropriation to match federal funds for vendor payments on behalf of eligible recipients. In this way, $105,233,971 in medical care services were provided to Texans in MHMR State Schools. Of this amount, $58,459,892 in federal funds were deposited to the state's general revenue replacing funds expended.

[3] Aid to Families with Dependent Children.

[4] Includes Central Management, Field Management, Information Systems and renovations.

Source: Department of Human Resources. *Annual Report, 1979.*

TABLE IV-21

Average Number Of Full And Part-time
Employees By Category,
Texas Department of Human Resources, 1977-1979

Category	1977	1978	1979
Administrative	2,965	2,759	2,827
Case Workers	5,851	5,232	5,356
Clerical	4,674	4,154	4,225
Janitorial	198	176	160
Technical Jobs	363	345	334
Other – Stipends	36	34	24
TOTAL	14,087	12,700	12,927

Source: Texas Department of Human Resources.

TABLE IV-22

Average Number Of Full And Part-time
Employees By Ethnicity,
Texas Department Of Human Resources,
1977-1979[1]

Ethnicity	1977	1978	1979
White	9,565	8,276	8,144
Black	1,315	1,279	1,462
Hispanic	3,053	2,917	3,162
Other	141	142	159

[1] Totals may not agree with Table IV-27.

Source: Texas Department of Human Resources.

TABLE IV-23

Average Number Of Full And Part-time
Employees By Sex,
Texas Department Of Human Resources,
1977-1979[1]

Sex	1977	1978	1979
Male	3,726	3,335	3,312
Female	10,347	9,358	9,614

[1] Totals may not agree with Table IV-27.

Source: Texas Department of Human Resources.

TABLE IV-24

Licensed And Verified 24-Hour Care Facilities
By Type As Of August 31, 1978

Facility Type	Number	Capacity
Institutions Providing Basic Child Care	85	5,595
Emergency Shelters	16	311
Halfway Houses	5	86
Institutions Serving Mentally Retarded Children	9	379
Residential Treatment Centers	28	1,417
Therapeutic Camps	6	264
Child-Placing Agencies (24-Hour Care and Adoption)	57	NA
Agency Homes	845	1,943
Foster Family Homes	29	110
Foster Group Homes	61	576
TOTAL	1,141	10,681

Source: Texas Department of Human Resources.

TABLE IV-25

Licensed, Verified, And Registered Day Care Facilities
By Type As Of August 31, 1978

Facility Type	Number	Capacity
Day Care Centers	3,237	222,120
Kindergarten/Nursery Schools	781	45,787
Schools: Grades Kindergarten and Above	171	13,733
Child Placing Agencies (Day Care Only)	17	NA
Agency Family Day Homes	532	2,353
Family Day Homes	5	29
Group Day Care Homes	468	5,551
Registered Family Homes[1]	6,911	31,100
TOTAL	12,122	320,673

[1] Registered Family Home Capacity represents an average of 4.5 children per facility.

Source: Texas Department of Human Resources.

TABLE IV-26

Certified State-Operated Facilities By Type
As Of August 31, 1978

Facility Type	Number	Capacity
Day Care Centers	8	679
Kindergarten/Nursery Schools	8	282
Institution Providing Basic Child Care	1	255
Halfway Houses	2	48
Foster Group Homes	32	301
Child Placing Agencies (24 Hour Care and Adoption)	8	NA
Agency Homes	678	1,892
TOTAL	737	3,427

Source: Texas Department of Human Resources.

TABLE IV-27

Aid For Dependent Children[1]: Fiscal Years 1977-1979[2]

Year	1977	1978	1979
Applications received	8,858	8,858	9,658
Cases denied	4,563	4,831	4,134
Cases	95,183	92,141	91,496
Recipients	314,542	297,584	290,872
Expenditures	$10,104,849	$9,677,541	$9,563,287

[1] AFDC = Aid for Dependent Children

[2] The data contained in this table may not agree with data published by the U.S. Bureau of the Census for Texas. The three primary sources for this table include: (1) The Biennial Survey, a sampling of approximately 20,000 households in 112 Texas counties; (2) records from the Texas Department of Human Resources; and (13) other Texas and Federal agencies. For additional information, please see *Standard Planning Data*, Texas Department of Human Resources, Planning and Evaluation Division, March 1980.

Source: Texas Department of Human Resources. *Standard Planning Data*. Planning and Evaluation Division, March, 1980.

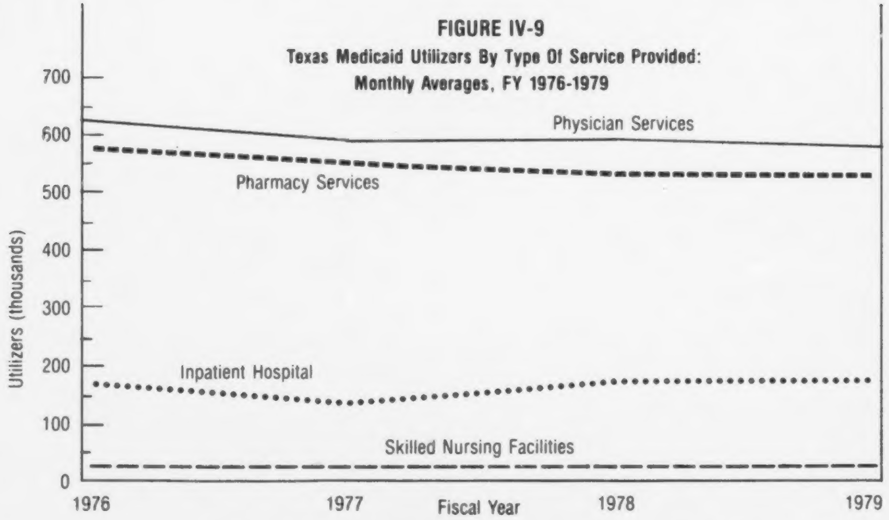


FIGURE IV-9

Texas Medicaid Utilizers By Type Of Service Provided: Monthly Averages, FY 1976-1979

Source: Texas Department of Human Resources, *Standard Planning Data*, Planning and Evaluation Division, March, 1980.

TABLE IV-28

Medicaid Monthly Averages: Fiscal Years 1976-1979

	Physicians' Services	Hospital		Pharmacy Services	Skilled Nursing Facility Services	Intermediate Care Facility Services in Institutions		Laboratory & Radiological Services	Family Planning Services
		Inpatient	Outpatient			Mentally Retarded	All other		
1979									
Eligibles	624,590	624,590	624,590	624,590	624,590	624,590	624,590	624,590	624,590
Utilizers	559,663	162,472	202,795	524,494	11,373	11,071	81,882	328,469	22,797
Payments[1]	$80,374,344	$145,525,127	$16,693,136	$57,873,758	$37,009,253	$132,199,322	$356,588,490	$14,737,769	$2,193,331
1978									
Eligibles	633,010	633,010	633,010	633,010	633,010	633,010	633,010	633,010	633,010
Utilizers	572,916	165,824	208,473	536,411	11,680	8,447	80,193	332,602	23,460
Payments[1]	$71,929,500	$136,566,567	$15,978,446	$52,536,780	$35,101,213	$ 72,975,127	$316,859,304	$15,174,460	$2,574,360
1977									
Eligibles	645,081	645,081	645,081	645,081	645,081	645,081	645,081	645,081	645,081
Utilizers	569,704	134,405	185,601	547,032	11,548	7,499	79,117	314,673	22,960
Payment	$59,759,166	$111,075,665	$12,261,379	$48,982,050	$30,255,016	$ 47,233,611	$283,427,124	$11,130,771	$2,193,328
1976									
Eligibles	682,037	682,037	682,037	682,037	682,037	682,037	682,037	682,037	682,037
Utilizers	622,000	159,678	203,900	580,100	10,473	9,130	76,900	340,300	22,678
Payments[1]	$61,353,724	$ 89,356,265	$10,723,023	$44,883,323	$25,474,723	$ 61,852,293	$272,233,708	$10,917,246	$3,049,362

[1] Payments are for the period October 1 - September 30, except for 1976, which is for the period July 1 - June 30.

Source: Texas Department of Human Resources. *Standard Planning Data*. Planning and Evaluation, March 1980.

TABLE IV-29

Social Service Monthly
Average of Clients Served[1]
Fiscal Years 1977-1979

Service	1977	1978	1979
Day Care[2]	NA	12,948	16,659
Child Protective	62,377	78,523	72,034
Employment	13,822	23,410	21,433
Family Services	22,260	25,671	24,778
ACABD[2]	30,938	44,008	42,238

[1] See note #2 on Table IV-27.

[2] Alternate Care for the Aged, Blind and Disabled.

Source: Texas Department of Human Resources. *Standard Planning Data*. Planning and Evaluation Division. March 1980.

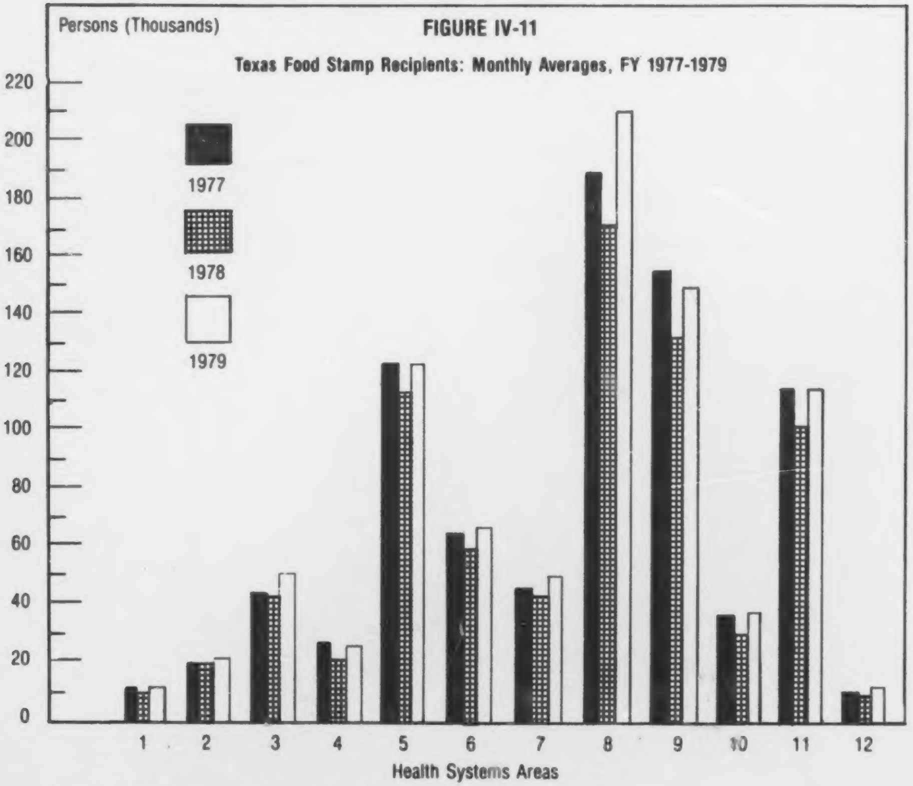


FIGURE IV-11

Texas Food Stamp Recipients: Monthly Averages, FY 1977-1979

Source: Texas Department of Human Resources, *Standard Planning Data*, Planning and Evaluation Division, March 1980.

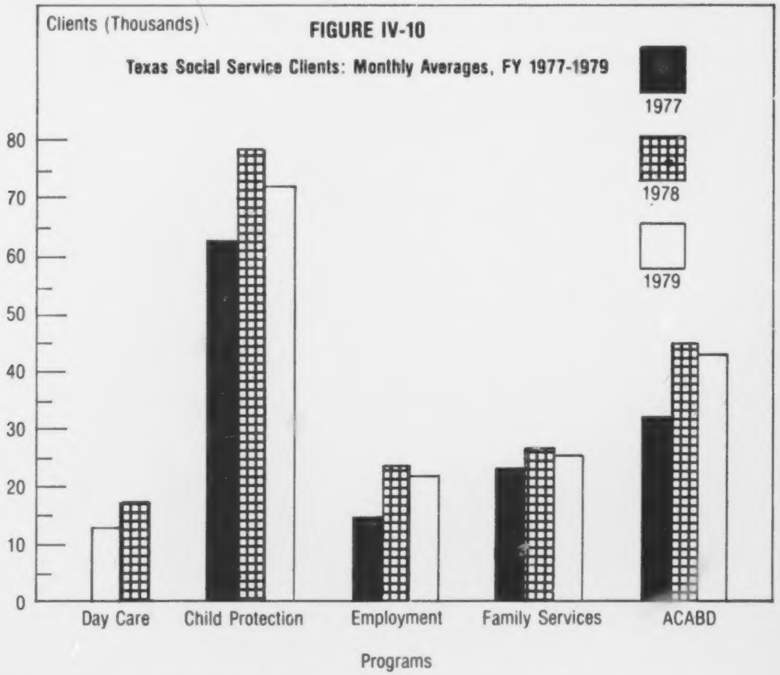


FIGURE IV-10

Texas Social Service Clients: Monthly Averages, FY 1977-1979

Source: Texas Department of Human Resources, *Standard Planning Data*, Planning and Evaluation Division, March 1980.

TABLE IV-30

Food Stamp Monthly Averages: Fiscal Years 1977-1979[1]

Year	1977	1978	1979
Households	230,594	220,951	260,142
Persons	833,060	751,322	867,428
Expenditures	$21,375,292	$21,048,231	$26,600,855

[1] See note #2 on Table IV-27.

Source: Texas Department of Human Resources. *Standard Planning Data*. Planning and Evaluation Division. March, 1980.

TABLE IV-31

Demographic Characteristics of General and Department of Human Resources Client Populations[1], Age 0-17, 1979[2]

Characteristics	General Population	AFDC	Food Stamp	Medicaid	Day Care	Family Services
Sex						
Male	51.0%	50.0%	52.0%	49.8%	50.8%	36.3%
Female	49.0	50.0	48.0	50.2	49.2	63.7
Age						
0- 2	20.5	18.2	11.8	17.8	15.9	10.3
3- 5	15.5	17.0	15.7	15.8	49.9	5.2
6-10	25.5	28.0	34.8	28.9	28.7	22.7
11-17	38.5	36.8	37.7	37.5	5.5	61.8
Ethnicity						
Anglo	51.4	10.0	13.3	9.7	11.9	24.3
Black	20.0	46.7	31.7	45.2	53.0	53.5
Hispanic	27.6	41.9	53.9	43.5	34.3	22.2
Indian/Alaskan native	0.3	0.5	0.3	0.5	0	0
Asian/Pacific Islander	0.7	0.9	0.8	1.1	0.8	0
Primary language						
Spanish	20.4	33.0	46.4	34.4	22.5	19.7
Other European	0.2	0.1	0	0.5	0	0
American Indian dialect	0.1	0	0	0.1	0.3	0
Cambodian/Vietnamese/Laotian	0.1	0.8	0.5	1.0	0.5	0
Other Asian/Pacific Islander	0.2	0	0.2	0	0.3	0
Other foreign language	0.3	0.4	0.1	0.3	0.3	0
English	78.7	65.7	52.8	63.7	76.1	80.3

[1] All service categories do not apply equally to all age groups; some numbers may be misleading due to small sample size.

[2] The data contained in this table may not agree with data published by the U.S. Bureau of the Census for Texas. The three primary sources for this table include: (1) The Biennial Survey, a sampling of approximately 20,000 households in 112 Texas counties; (2) records from the Texas Department of Human Resources; and (3) other Texas and federal agencies. For additional information, please see *Standard Planning Data*, Texas Department of Human Resources, Planning and Evaluation Division, March 1980.

Source: Texas Department of Human Resources. *Standard Planning Data*. Planning and Evaluation Division, March 1980.

TABLE IV-32

Demographic Characteristics of General and Department of Human Resources Client Populations[1], Age 18-64, 1979[2]

Characteristics	General Population	AFDC	Food Stamp	Medicaid	Employment	Family Services	ACABD[3]
Sex							
Male	48.1%	12.8%	26.8%	19.9%	4.2%	12.0%	30.4%
Female	51.9	87.2	73.2	80.1	95.8	88.0	69.6
Age							
18-20	10.1	17.1	12.6	14.5	7.6	11.2	4.2
21-29	24.9	29.6	18.8	23.2	25.6	33.3	13.6
30-39	22.3	25.9	26.9	20.8	51.2	27.7	7.4
40-49	18.5	16.8	17.0	16.5	12.6	18.4	12.8
50-59	17.6	7.6	19.4	15.4	2.6	7.3	28.0
60-64	6.7	2.9	5.2	9.6	0.3	2.1	33.9
Ethnicity							
Anglo	64.7	11.9	15.8	17.7	6.6	15.0	39.1
Black	14.6	46.2	24.6	43.1	69.1	44.6	31.5
Hispanic	19.7	40.1	58.6	37.8	23.0	39.0	18.2
Indian/Alaskan native	0.2	0.4	0.1	0.3	0.4	0.4	0.3
Asian/Pacific Islander	0.7	1.3	0.8	1.2	0.9	1.1	10.9
Primary language							
Spanish	16.1%	35.8%	55.6%	33.8%	20.4%	17.0%	29.2%
Other European	0.9	0.1	0.1	0.1	0.2	18.5	0
American Indian dialect	0.1	0.1	0	0.1	0.2	0	0
Cambodian/Vietnamese/Laotian	0.1	1.2	0.4	0.8	0.1	0.1	0
Other Asian/Pacific Islander	0.5	0.3	0.3	0	0	0	0
Other foreign language	0.4	6.9	0	0.2	0.9	0.4	0
English	81.2	55.5	43.5	65.0	78.2	64.0	70.8
Marital status							
Married	70.4	16.3	50.2	19.4	5.9	25.2	20.9
Widowed	3.6	4.2	6.7	9.0	4.0	4.4	16.9
Divorced	5.7	21.9	11.1	18.1	22.9	21.1	14.2
Separated	2.5	21.5	10.9	17.3	17.3	20.1	5.4
Never married	17.7	36.2	21.2	36.2	49.8	29.2	42.5
Education							
None	.8	2.4	3.4	5.9	.5	2.5	15.0
1-8 years	11.9	28.8	38.8	33.8	13.3	27.9	43.4
9-11 years	16.9	36.7	28.9	33.0	29.1	37.1	21.9
12 years	33.7	26.9	25.3	23.4	24.2	26.7	14.2
13 years	36.7	5.2	3.7	4.0	32.8	5.7	5.5

[1] All service categories do not apply equally to all age groups; some numbers may be misleading due to small sample size.

[2] See note #2 on Table IV-31.

[3] Alternate Care for the Aged, Blind, and Disabled.

Source: Texas Department of Human Resources, *Standard Planning Data*, Planning and Evaluation Division, March 1980.

TABLE IV-33

Demographic Characteristics of General and Department of Human Resources Client Populations[1], Age 65+, 1979[2]

Characteristics	General Population	AFDC	Food Stamp	Medicaid	Employment	Family Services	ACABD
Sex							
Male	42.1%	37.2%	46.6%	31.6%	0 %	38.3%	19.7%
Female	57.9	62.8	53.4	68.4	100.0	61.7	80.3
Age							
65-75	70.8	68.4	70.2	55.4	64.9	48.7	31.4
76-79	13.7	14.6	13.8	18.3	0	22.2	34.1
80-89	13.1	11.4	14.2	22.2	35.1	21.7	27.2
90+	2.4	5.6	1.8	4.1	0	7.4	7.3
Ethnicity							
Anglo	71.9	15.4	34.2	42.9	5.4	30.5	60.6
Black	15.4	50.3	20.2	29.6	94.6	30.8	18.8
Hispanic	12.4	33.1	45.2	27.3	0	38.8	20.3
Indian/Alaskan native	0.1	0	0	0	0	0	0.2
Asian/Pacific Islander	0.2	1.1	0.3	0.2	0	0	0.2
Primary language							
Spanish	12.4	28.9	44.6	26.6	0	21.2	19.1
Other European	1.9	0	0.3	1.1	0	13.2	1.6
American Indian dialect	0.1	0	0.1	0.2	0	0	0.1
Cambodian/Vietnamese/Laotian	0	1.1	0.1	0.1	0	0	0
Other Asian/Pacific Islander	0.2	0	0	0.2	0	0	0
Other foreign language	0.4	0	0.4	0.7	0	0	0.1
English	85.1	70.0	54.5	71.2	100.0	65.6	79.1
Marital status							
Married	60.3	53.3	52.4	39.1	0	40.7	22.2
Widowed	32.3	28.4	38.9	48.5	94.6	48.4	50.0
Divorced	3.2	4.9	4.8	5.1	5.4	4.0	22.7
Separated	0.8	10.6	1.5	2.6	0	5.3	0.7
Never married	3.4	2.8	2.4	4.8	0	1.6	4.4
Education							
None	2.9	8.5	20.2	9.4	0	16.5	9.7
1-8 years	37.8	54.3	44.4	64.9	100.0	49.9	42.7
9-11 years	20.8	37.2	28.0	20.2	0	30.4	18.0
12 years	19.2	0	5.5	3.9	0	0	24.7
13+ years	19.2	0	1.9	1.7	0	3.2	4.8

[1] All service categories do not apply equally to all age groups. Some numbers may be misleading due to small sample size.

[2] See note #2 on Table IV-31.

Source: Texas Department of Human Resources. *Standard Planning Data*. Planning and Evaluation Division. March 1980.

HUMAN SERVICES

Health Care

Costs
Personnel and facilities
Planning
Morbidity
Mortality

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE IV-34

Total Texas Public and Private Health Care

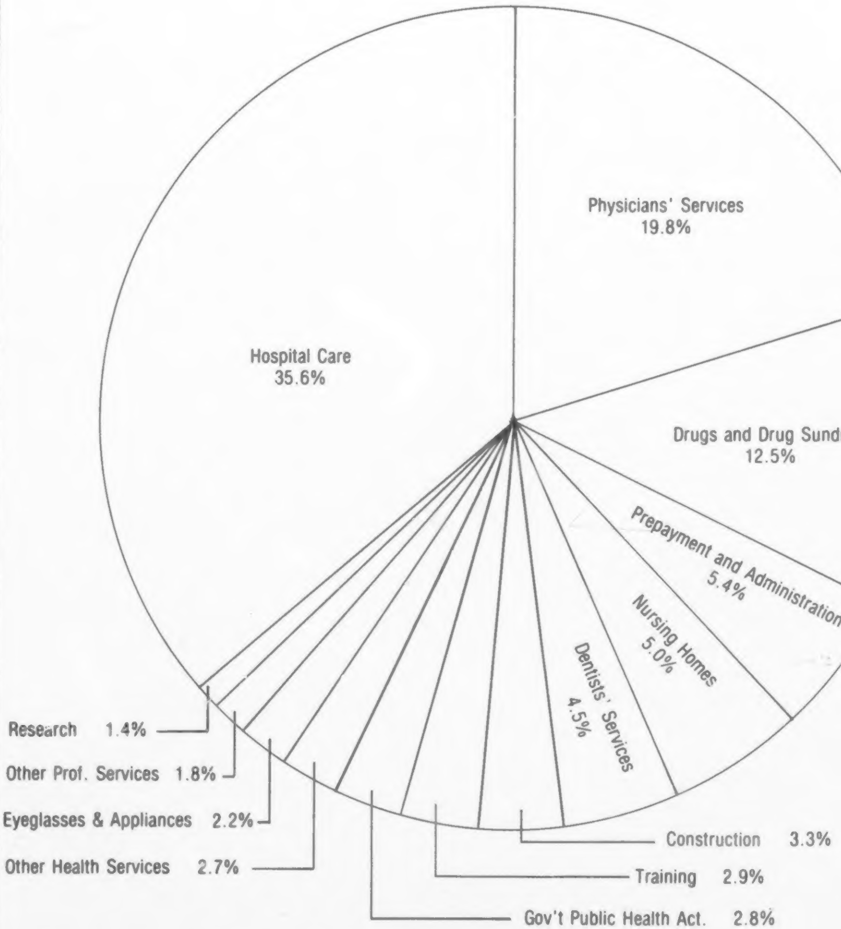
Expenditures by Category: 1975

Category of Care	Total (millions)	Per Capita	Percent
Hospital Care	$2,129.6	$173.92	35.6%
Physicians' Services	1,185.5	96.82	19.8
Dentists' Services	271.4	22.16	4.5
Other Professional Services	110.4	9.02	1.8
Drugs and Drug Sundries	750.7	61.31	12.5
Eyeglasses and Appliances	130.0	10.62	2.2
Nursing Homes	301.5	24.62	5.0
Prepayment and Administration	324.6	26.51	5.4
Government Public Health Activities	164.7	13.45	2.8
Other Health Services	159.7	13.04	2.7
Research	84.9	6.93	1.4
Construction	200.5	16.37	3.3
Training	174.4	14.24	2.9
TOTAL	$5,987.9	$489.02	100.0%

Source: Texas Department of Health, Bureau of State Health Planning and Resource Development, *Texas Health Care Expenditures 1975.*

FIGURE V-12

Texas Health Care Expenditures: 1975



Source: Texas Department of Health, Bureau of State Health Planning and Resource Development, *Texas Health Care Expenditures 1975.*

FIGURE IV-13

Health Care Expenditures By Source Of Funds: Texas, 1975

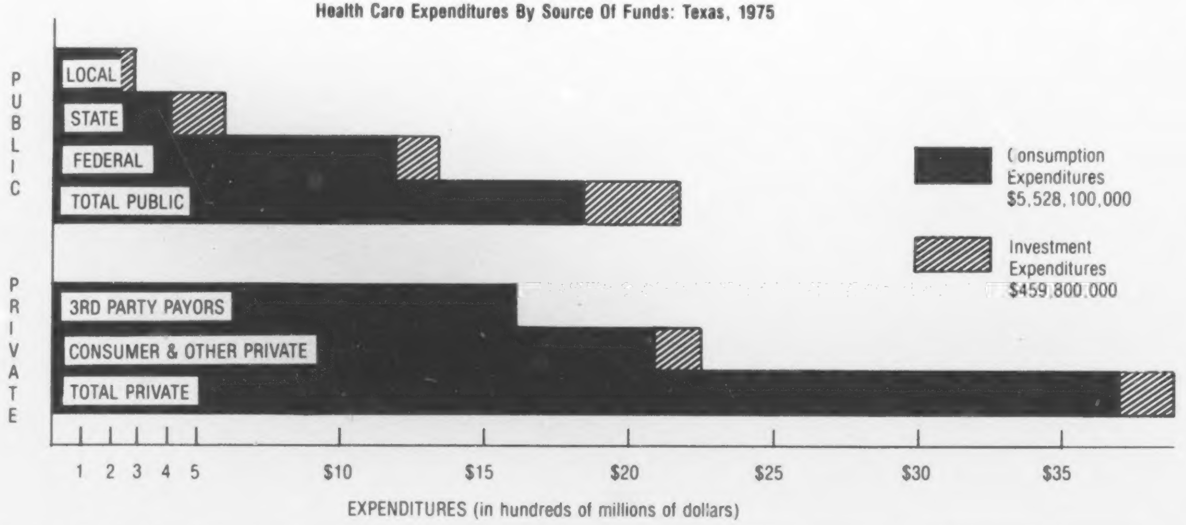


TABLE IV-35

Texas Health Care Expenditures by Category and Source of Funds: 1975

(millions of dollars)

	PUBLIC				PRIVATE			
Type of Expenditure	**Federal Revenue**	**State**	**Local**	**Total Public**	**3rd Party Payors**	**Consumer & Other**	**Total Private**	**TOTAL**
Services and Supplies								
Hospital Care	$711.9	$117.1	$185.1	$1,014.1	$942.0	$173.5	$1,115.5	$2,129.6
Physician Services	144.2	22.9	0.5	167.6	571.8	446.1	1,017.9	1,185.5
Dentists Services	5.4	2.7	0.8	8.9	7.2	255.4	262.6	271.4
Other Professional Services	39.1	8.3		47.4	25.9	37.1	63.0	110.4
Drugs and Drug Sundries	25 6	12.8	0.4	38.8	37.2	674.7	711.9	750.7
Eyeglasses and Appliances	1.4	0.7		2.1	5.6	122.3	127.9	130.0
Nursing Homes	171.9	78.4		250.3		51.2	51.2	301.5
Prepayment and Administration						324.6	324.6	324.6
Gov't Public Health Activities	59.7	53.5	51.5	164.7				164.7
Other Health Services	40.0	106.5	0.8	147.3		12.5	12.5	159.7
Subtotal	1,199.2	402.9	239.1	1,841.2	1,589.7	2,097.4	3,687.1	5,528.1
Research	69.5	8.9		78.4		6.5	6.5	84.9
Construction	18.5	16.5	37.4	72.4		128.0	128.0	200.5
Training	24.6	147.0		171.6		2.8	2.8	174.4
Total	$1,311.8	$575.3	$276.5	$2,163.6	$1,589.7	$2,234.7	$3,824.4	$5,987.9

Source: Texas Department of Health, Bureau of State Planning and Resource Development, *Texas Health Care Expenditures 1975.*

FIGURE IV-14

Consumer Out-of-Pocket Health Care Expenditures: Texas, 1975

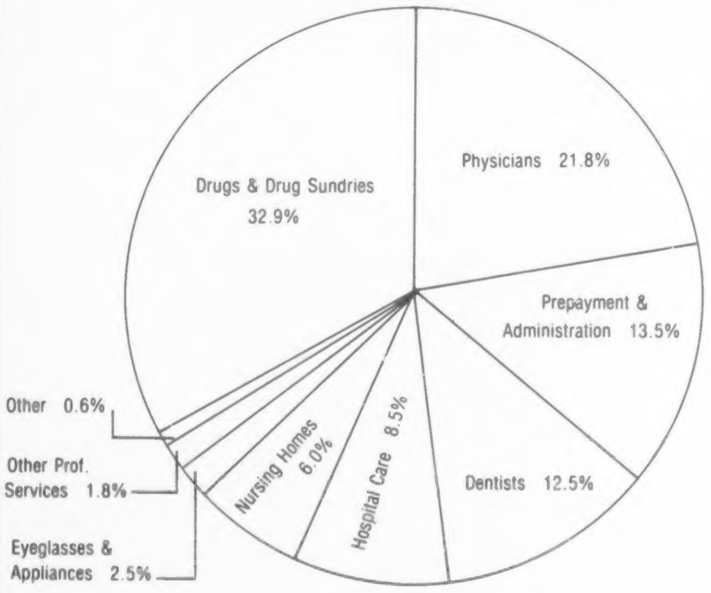


TABLE IV-36

Comparison of Texas and United States Per Capita Expenditures on Personal Health Care, by Category of Expenditures: 1975

Category	TEXAS Per Capita	TEXAS Percent	UNITED STATES Per Capita	UNITED STATES Percent
1. Hospital Care	$173.92	38.5%	$238.27	42.2%
2. Physicians' Services	96.82	21.4	113.30	20.1
3. Dentists' Services	22.16	4.9	37.73	6.7
4. Other Professional Services	9.02	2.0	10.55	1.9
5. Drugs and Drug Sundries	61.31	13.6	49.29	8.7
6. Eyeglasses and Appliances	10.62	2.4	8.66	1.5
7. Nursing Homes	24.62	5.5	45.30	8.0
8. Prepayment and Administration	26.51	5.9	30.56	5.4
9. Gov't Public Health Activities	13.45	3.0	14.27	2.5
10. Other Health Services	13.04	2.9	16.96	3.0
TOTAL	$451.47	100.0%	$564.90	100.0%

Source: Texas Department of Health, Bureau of State Health Planning and Resource Development, *Texas Health Care Expenditures 1975.*

TABLE IV-37

Texas Per Capita Health Care Expenditures: 1975

Type of Expenditure	PUBLIC Federal Revenue	PUBLIC State	PUBLIC Local	PUBLIC Total Public	PRIVATE 3rd Party Payors	PRIVATE Consumer & Others	PRIVATE Total Private	TOTAL
Services and Supplies								
Hospital Care	$58.14	$9.56	$15.12	$82.82	$76.93	$14.17	$91.10	$173.92
Physician Services	11.78	1.87	0.04	13.69	46.70	36.43	83.13	96.82
Dentists Services	0.44	0.22	0.07	0.73	0.59	20.86	21.45	22.16
Other Professional Services	3.19	0.68		3.87	2.12	3.03	5.15	9.02
Drugs and Drug Sundries	2.09	1.05	0.03	3.17	3.04	55.10	58.14	61.31
Eyeglasses and Appliances	0.11	0.06		0.17	0.46	9.99	10.45	10.62
Nursing Homes	14.04	6.40		20.44		4.18	4.18	24.62
Prepayment and Administration						26.51	26.51	26.51
Gov't Public Health Activities	4.88	4.37	4.21	13.45				13.45
Other Health Services	3.27	8.70	0.07	12.03		1.02	1.02	13.04
Subtotal	97.94	32.90	19.53	150.37	129.83	171.29	301.12	451.47
Research	5.68	0.73		6.40		0.53	0.53	6.93
Construction	1.51	1.35	3..06	5.92		10.45	10.45	16.37
Training	2.01	12.01		14.01		0.23	0.23	14.24
Total	$107.13	$46.98	$22.58	$176.70	$129.83 ·	$182.50	$312.33	$489.02

Source: Texas Department of Health, Bureau of State Health Planning and Resource Development, *Texas Health Care Expenditures 1975.*

TABLE IV-38

Active, Licensed Health Care Professionals

by Type, with Rates per 100,000 Population: Texas

Type	Year	Texas Population	Number of Active Professionals	Rate
Dentists	1976	12,331,000	5,359	43.46
Physical Therapists	1978	13,014,000	1,416	10.88
Nursing Home Administrators	1978	13,014,000	1,741	13.38
Veterinarians	1978	13,014,000	1,926	14.80
Chiropractors	1978	13,014,000	944	7.25
Podiatrists	1978	13,014,000	254	1.95
Physicians	1977	12,830,000	17,101	133.29
RNs	1976	12,331,000	30,542	247.68
LVNs	1976	12,331,000	31,500	255.47

Sources: Population — Bureau of the Census, Current Population Reports, Series P-25. Dentists, RNs and LVNs — State Licensing Boards. Physicians — *Physician Distribution and Medical Licensure in the U.S., 1977.* All Others — Texas Department of Health, Bureau of State Health Planning and Resource Development.

TABLE IV-40

Number of Medical Facilities, Number of Design Beds,[1]

and Occupancy Rates by Type of Hospital:

Texas, 1977

Type	No. of Facilities	No. of Design Beds	Occupancy Rates
General Hospitals	534	64,809	65.2%
Medical-Surgical Units	523	53,809	65.3
Obstetric Units	346	4,410	58.3
Pediatric Units	175	3,223	74.3
ICU-CCU[2]	302	3,505	66.9
Mental Facilities	88	11,352	74.0
Hospitals	31	8,868	NA
Units of Hospitals	57	2,484	NA
Tuberculosis Hospitals	5	895	58.4
Chronic Hospitals	15	823	27.5
Inpatient Rehabilitation	24	971	55.9

[1] Design Beds = The potential number of beds facilities could accommodate structurally. Does not reflect actual number of beds in use.

[2] Intensive Care Units–Cardiac Care Units.

Source: *Texas Medical Facilities, Inventory and Utilization, Calendar Year 1977* "Health Related Project Summary Form," Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

TABLE IV-39

Rural/Urban Distribution of Physicians: Texas, 1977

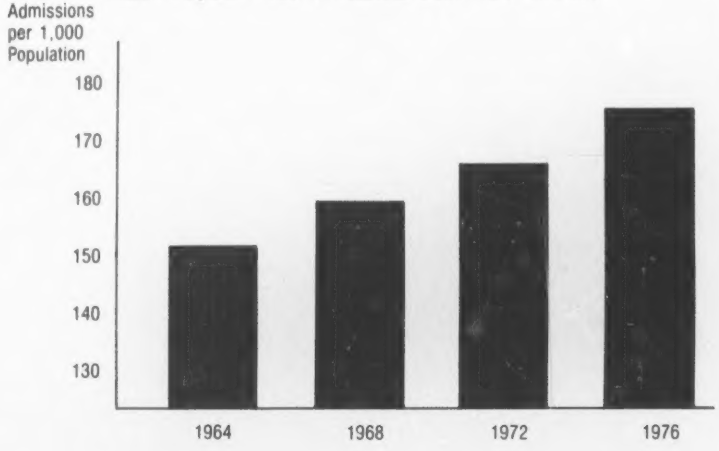
	Population Estimate	Active Physicians	Physicians per 100,000 Pop.
State Totals	12,667,077	17,101	135.00
Metropolitan Counties	9,816,648	15,321	156.07
Nonmetropolitan Counties	2,850,429	1,780	62.45

Sources: Texas Department of Health, Bureau of State Health Planning and Resource Development, Division of Data Collection and Analysis. *Physician Distribution and Medical Licensure in the U.S., 1977.*

Prepared by: Texas Department of Health, Bureau of State Health Planning and Resource Development, Division of Data Collection and Analysis,

FIGURE IV-15

General Hospitals: Trends in Admission Rates: Texas 1964-1976



Source: Hospital Surveys, 1964-1976; Medical Facilities Planning Division; Texas Department of Health.

TABLE IV-41

Long Term Care Facilities: Number of Facilities and Number of Design Beds by Type

Texas, 1977

Type	No. of Facilities	No. of Design. Beds
Skilled Nursing Care	224	16,331
Intermediate Care (III)	846	76,381
Custodial Care (II)	56	2,847
MR (I)[1]	16	257
MR (V)[2]	10	598
MR (VI)[3]	8	778
State Schools	13	10,432
Non-Participating	112	5,976
TOTAL	1,285	113,600

[1] MR (I) = Unlicensed, basic residential care for the mentally retarded.

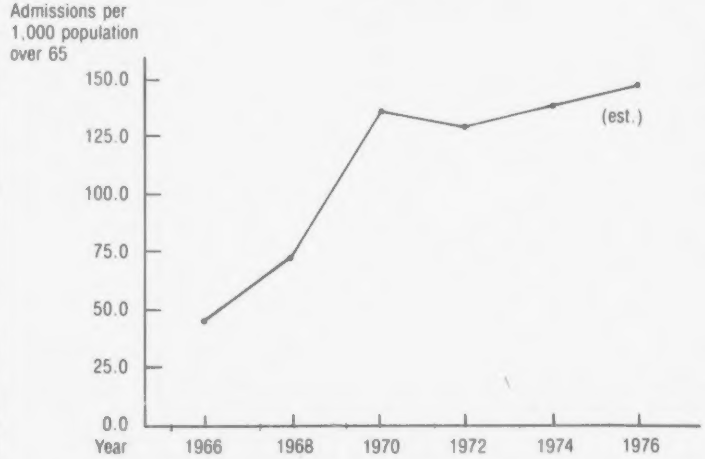
[2] MR (V) = Licensed nursing homes providing intermediate-level care for the mentally retarded.

[3] MR (VI) = Licensed nursing homes providing high-level care for the mentally retarded.

Source: "Health Related Project Summary Form," Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

FIGURE IV-16

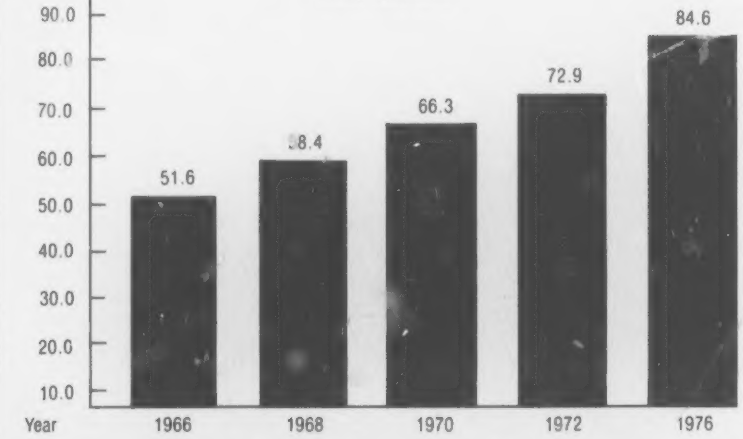
Long Term Care Facilities: Trends in Admission Rates: Texas, 1966-1976



Source: Survey of Long Term Care Facilities, 1966-1976; Medical Facilities Planning Division; Texas Department of Health.

FIGURE IV-17

Long Term Care Facilities: Ratio of Beds to Population over 65 Years of Age: Texas, 1964-1976



Source: Survey of Long Term Care Facilities, 1966-1976; Medical Facilities Planning Division; Texas Department of Health.

TABLE IV-42

Distribution of General Hospital Facilities and Licensed Beds: Texas, 1977

	No. of Facilities	No. of Design. Beds	Pop. Estimate	Lic. Beds Per 1000 Pop.
Statewide	534	64,809	12,667,077	5.12
Metropolitan Counties	286 (53.6%)	50,687 (78.2%)	9,816,648 (77.5%)	5.16
Nonmetropolitan Counties	248 (46.4%)	14,122 (21.8%)	2,850,429 (22.5%)	4.95

Source: Texas Department of Health, Bureau of State Health Planning and Resource Development, Data Collection and Analysis Division.

TABLE IV-43

Designated Health Systems Agencies in Texas

HSA #1:
Panhandle Health Systems Agency
P.O. Box 9257
Amarillo, Texas 79105
(806) 372-3381

HSA #2:
South Plains Health Systems, Inc.
1217 Avenue K
Lubbock, Texas 79401
(806) 747-0181

HSA #3:
Health Systems Agency of West Texas
303 North Oregon
Mills Building, Suite 700
El Paso, Texas 79901
(915) 532-2910

HSA #4:
Tri-Region Health Systems Agency
2642 Post Oak Road
Abilene, Texas 79605
(915) 698-9481

HSA #5:
Texas Area 5 Health Systems, Inc.
American Bank Building
800 West Airport Freeway
Suite 400, Box 6084
Irving, Texas 75062
(214) 445-0855

HSA #6:
Central Texas Health Systems, Inc.
1106 Clayton Lane, Suite 210-W
Austin, Texas 78723
(512) 458-9161

HSA #7:
Northeast Texas Health Systems Agency, Inc.
505 East Travis
Travis Terrace Building, Suite 201
Marshall, Texas 75670
(214) 938-8331

HSA #8:
South Texas Health Systems Agency, Inc.
Texas A&I University, Station 1
P.O. Box 2378
Kingsville, Texas 78363
(512) 595-5545

HSA #9:
Camino Real Health Systems Agency, Inc.
410 South Main Avenue
Suite 212
San Antonio, Texas 78204
(512) 225-4426

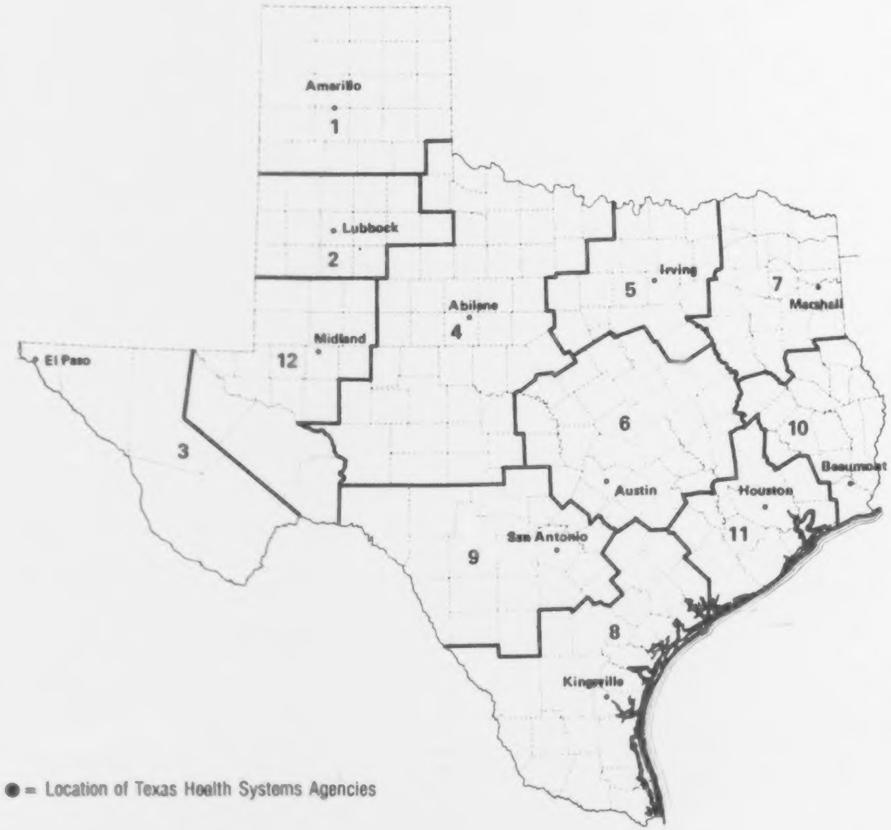
HSA #10:
Greater East Texas Health Systems Agency, Inc.
2900 North Street, Suite 303
Beaumont, Texas 77702
(713) 892-6962

HSA #11:
H-GAC Health Systems Agency
3701 West Alabama
Houston, Texas 77027
(713) 627-3200

HSA #12:
Permian Basin Health Systems Agency
P.O. Box 6391
Midland, Texas 79701
(915) 563-1061

FIGURE IV-18

Designated Health Systems Areas In Texas



● = Location of Texas Health Systems Agencies

TABLE IV-44

ENTIRE COUNTIES DESIGNATED AS MEDICALLY UNDERSERVED AREAS[1] IN TEXAS

HSA #1:	Armstrong, Briscoe, Castro, Collingsworth, Dallam, Deaf Smith, Donley, Hall, Hartley, Hutchinson, Ochiltree, Oldham, Parmer, Swisher.
HSA #2:	Bailey, Cochran, Crosby, Dickens, Floyd, Hale, Hockley, Lamb, Lynn, Motley, Terry.
HSA #3:	Brewster, Culberson, Hudspeth, Jeff Davis.
HSA #4:	Baylor, Brown, Callahan, Childress, Coke, Coleman, Comanche, Concho, Cottle, Eastland, Fisher, Foard, Hardeman, Haskell, Irion, Jack, Kent, Kimble, McCulloch, Mason, Menard, Mitchell, Montague, Nolan, Runnel, Schleicher, Shackelford, Stephens, Stonewall, Sutton, Throckmorton, Wilbarger.
HSA #5:	Cooke, Erath, Fannin, Hunt, Navarro.
HSA #6:	Bastrop, Blanco, Burleson, Caldwell, Coryell, Falls, Fayette, Freestone, Grimes, Hamilton, Hays, Hill, Lampasas, Lee, Leon, Limestone, Llano, Madison, Milam, Mills, Robertson, San Saba, Washington, Wharton, Williamson.
HSA #7:	Anderson, Camp, Cherokee, Delta, Franklin, Harrison, Henderson, Hopkins, Lamar, Marion, Panola, Raines, Red River, Rusk, Upshur, Van Zandt, Wood.
HSA #8:	Bee, Brooks, Calhoun, DeWitt, Duval, Goliad, Gonzales, Jackson, Jim Hogg, Jim Wells, Kenedy, Kleberg, Lavaca, Live Oak, McMullen, Refugio, Starr, Willacy, Zapata.
HSA #9:	Atascosa, Bandera, Dimmitt, Edwards, Frio, Karnes, Kendall, Kerr, Kinney, LaSalle, Maverick, Medina, Uvalde, Wilson, Zavala.
HSA #10:	Hardin, Houston, Newton, Polk, Sabine, San Augustine, San Jacinto, Shelby, Trinity, Tyler, Val Verde.
HSA #11:	Austin, Chambers, Colorado, Matagorda, Walker, Waller.
HSA #12:	Borden, Crane, Dawson, Gaines, Glasscock, Loving, Pecos, Reeves, Terrell, Ward.

[1] Medically Underserved Areas = Areas are designated as medically underserved by the Secretary of H.E.W. based on a formula which takes into account:
1) the ratio of primary care physicians to population;
2) the infant mortality rate;
3) the percentage of the population aged 65 and over; and
4) the percentage of the population with family income below the poverty level.

All or part of a county may be designated as medically underserved under the provisions of P.L. 93-222.

Source: Federal Register, Vol. 41, No. 201.

TABLE IV-45

Number of Births and Birth Rates Per 1,000 Population:

Texas and United States, 1968-1977

	NUMBER OF BIRTHS		BIRTH RATE	
Year	Texas	United States	Texas	United States
1968	207,191	3,501,564	19.2	17.5
1969	220,647	3,600,206	20.0	17.8
1970	230,624	3,731,386	20.6	18.4
1971	228,983	3,555,970	20.0	17.2
1972	214,613	3,258,411	18.4	15.6
1973	209,651	3,136,965	17.8	14.9
1974	210,787	3,159,958	17.5	14.9
1975	215,426	3,144,198	17.6	14.8
1976	218,447	3,167,788	17.5	14.8
1977	228,871	3,326,632	17.8	15.4

Source: Texas Department of Health, Bureau of State Health Planning and Resource Development, *Selected Health Data, Texas, 1978.*

TABLE IV-46

Number of Reported Cases and Incidence
Rates of Gonorrhea and Syphilis
per 100,000 Population
Texas, 1950-1978

	GONORRHEA		SYPHILIS	
Year	Number	Rate	Number	Rate
1950	24,641	319.5	11,222	145.5
1955*	19,171	219.3	2,872	32.9
1960	22,533	235.2	4,808	50.2
1965	28,121	271.0	5,247	50.6
1970	43,601	389.4	6,527	58.3
1975	76,486	625.0	4,437	36.3
1978	88,943	664.5	5,780	43.2

*Reduction in cases resulted primarily from major programmatic direction changes.

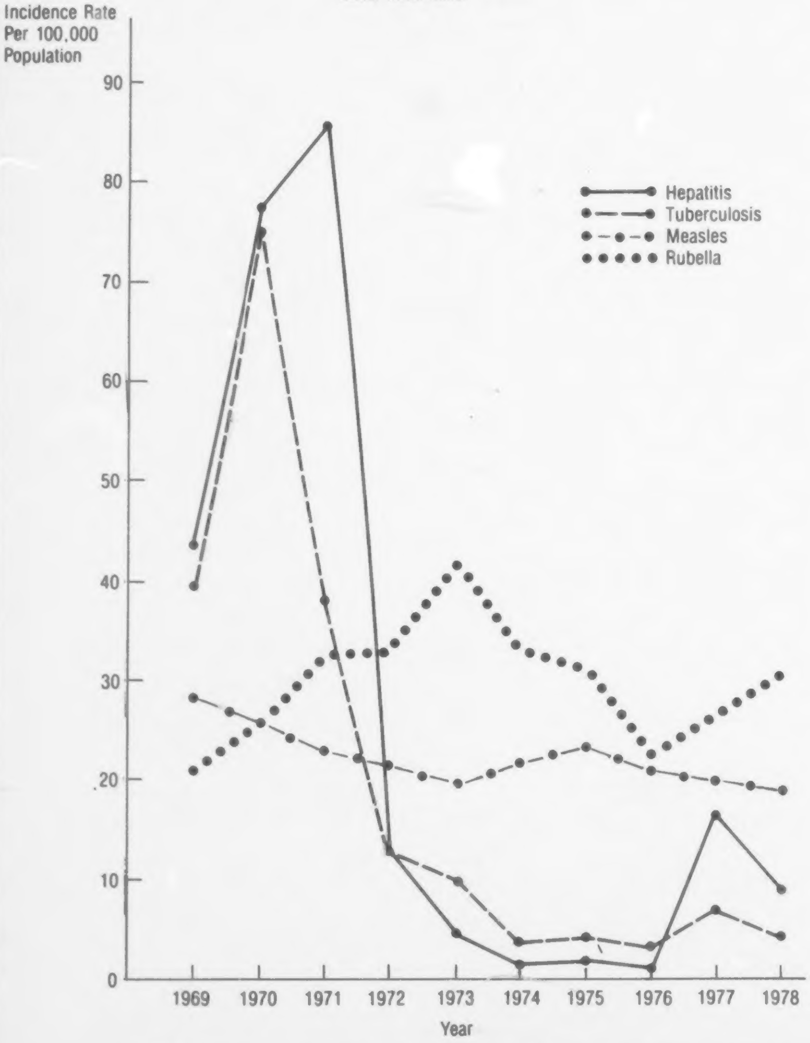
Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Venereal Disease Control Program, Bureau of Communicable Disease, Texas Department of Health.

FIGURE IV-19

Selected Communicable Diseases: Incidence Rate Per 100,000 Population

Texas 1969-1978



Source: *Selected Health Data, 1978*, Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

TABLE IV-47

Selected Communicable Diseases Numbers of Reported Cases and Incidence Rates per 100,000 Population: Texas 1950-1978

Year	HEPATITIS[1]		TUBERCULOSIS		MEASLES		RUBELLA	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	NA	NA	4,618	59.9	14,576	189.0	NA	NA
1955	1,316	15.1	3,867	44.2	40,287	460.8	NA	NA
1960	2,287	23.9	4,219	44.0	50,674	529.0	NA	NA
1965	1,886	18.2	2,663	25.7	30.771	296.5	NA	NA
1970	2,974	26.6	2,889	25.8	8,495	75.9	8,408	75.1
1971	4,127	36.1	2,730	23.9	9,585	83.9	4,414	38.6
1972	4,216	36.2	2,422	20.8	1,617	13.9	1,596	13.7
1973	5,189	43.9	2,224	18.9	532	4.5	1,136	9.6
1974	4,175	34.7	2,311	19.2	212	1.8	317	2.6
1975	3,445	24.1	2,600	21.2	275	2.2	370	3.0
1976	2,259	18.1	2,454	19.7	261	2.1	267	2.1
1977	2,736	21.3	2,326	18.2	2,032	15.9	776	6.1
1978	3,282	20.1	2,160	16.1	1,033	7.7	407	3.0

[1] Includes Hepatitis A and B Only

Prepared By: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Epidemiology Division, Bureau of Communicable Disease, Texas Department of Health.

TABLE IV-48

Leading Causes of Death

Number of Deaths and Rates Per 100,000 Population:

Texas and United States, 1978

Cause	TEXAS		UNITED STATES	
	No.	Rate	No.[1]	Rate
Diseases of the Heart	34,771	267.2	728,190	333.9
Cancer	20,055	154.1	396,060	181.6
Cerebrovascular Diseases	10,165	78.1	172,520	79.1
Motor Vehicle Accidents	3,981	30.6	53,610	24.6
All Other Accidents	3,336	25.6	54,320	24.9
Influenza & Pneumonia	3,196	24.6	58,290	26.7
Homicide	1,962	15.1	21,080	9.7
Diabetes	1,703	13.1	32,780	15.0
Suicide	1,658	12.7	27,500	12.6
Certain Causes of Mortality in Early Infancy	1,620	12.4	22,010	10.1
All Other	21,223	163.1	357,640	164.1
TOTAL	103,670	796.6	1,924,000	882.3

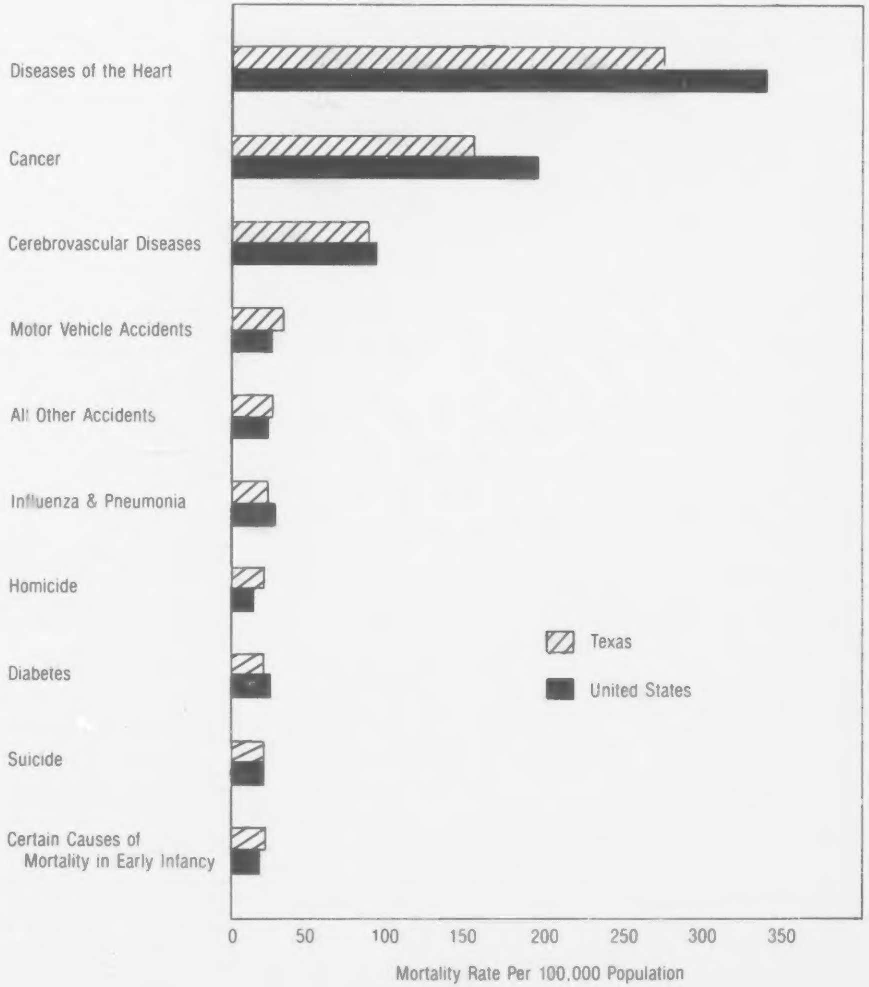
[1] Estimated number based on 10 percent sample of deaths.

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: *Texas Vital Statistics, 1978*, Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

FIGURE IV-20

Leading Causes of Death: Texas and United States, 1978

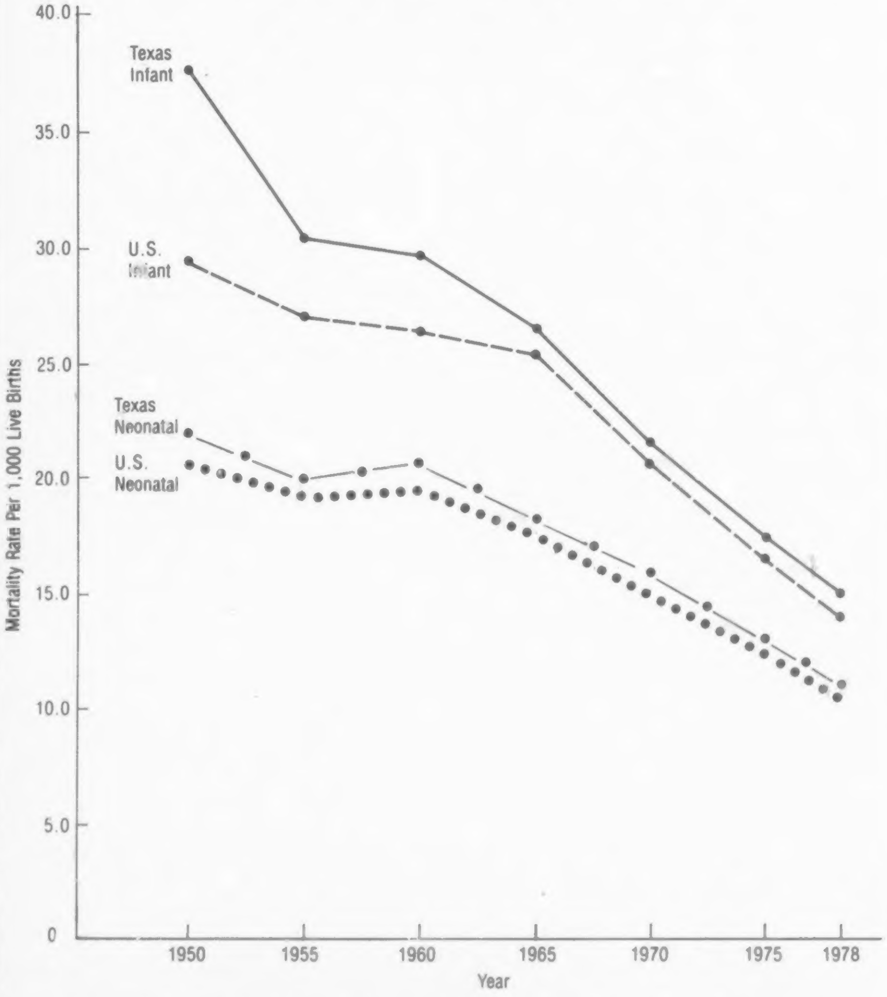


Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource

Source. Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

FIGURE IV-21

Infant and Neonatal Mortality: Texas and United States, 1950-1978



Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-49

Infant and Neonatal[1] Deaths

Per 1,000 Live Births:

Texas and United States

	INFANT		NEONATAL	
Year	Texas	U.S.	Texas	U.S.
1950	37.4	29.2	23.4	20.5
1955	30.3	26.4	20.0	19.1
1960	29.0	26.0	20.0	18.7
1965	26.0	24.7	18.0	17.7
1970	21.4	20.0	16.1	15.1
1975	16.6	16.1	11.8	11.6
1978	14.2	13.6	9.8	9.4

[1] Neonatal = infants aged 0 to 28 days
Infant = age 0 to one year

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-50

Leading Causes of Death

Number of Deaths and Rates Per 100,000 Population By Sex, Texas, 1978

Cause	TOTAL		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate
Diseases of the Heart	34,771	267.2	19,407	304.6	15,364	231.2
Cancer	20,055	154.1	11,338	178.0	8,717	131.2
Cerebrovascular Diseases	10,165	78.1	4,310	67.7	5,855	88.1
Motor Vehicle Accidents	3,981	30.6	2,927	45.9	1,054	15.9
All Other Accidents	3,336	25.6	2,271	35.6	1,065	16.0
Influenza & Pneumonia	3,196	24.6	1,718	27.0	1,478	22.2
Homicide	1,962	15.1	1,627	25.5	335	5.0
Diabetes	1,703	13.1	669	10.5	1,034	15.6
Suicide	1,658	12.7	1,218	19.1	440	6.6
Certain Causes of Mortality in Early Infancy	1,620	12.4	954	15.0	666	10.0
All Other	21,223	163.1	11,828	185.7	9,395	141.5
TOTAL	103,670	796.6	58,267	914.6	45,403	683.4

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: *Texas Vital Statistics, 1978*, Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-51

Leading Causes of Death

Number of Deaths and Rates Per 100,000 Population By Race: Texas, 1978

Cause	TOTAL		WHITE		BLACK	
	No.	Rate	No.	Rate	No.	Rate
Diseases of the Heart	34,771	267.2	30,336	266.4	4,435	272.7
Cancer	20,055	154.1	17,431	153.1	2,624	161.4
Cerebrovascular Diseases	10,165	78.1	8,636	75.8	1,529	94.0
Motor Vehicle Accidents	3,981	30.6	3,508	30.8	473	29.1
All Other Accidents	3,336	25.6	2,838	24.9	498	30.6
Influenza & Pneumonia	3,196	24.6	2,799	24.6	397	24.4
Homicide	1,962	15.1	1,267	11.1	695	42.7
Diabetes	1,703	13.1	1,395	12.2	308	18.9
Suicide	1,658	12.7	1,576	13.8	82	5.0
Certain Causes of Mortality in Early Infancy	1,620	12.4	1,193	10.5	427	26.3
All Other	21,223	163.1	18,143	159.4	3,080	189.6
TOTAL	103,670	796.6	89,122	782.6	14,548	894.7

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: *Texas Vital Statistics, 1978*, Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-52

Number of Maternal Deaths and Mortality Rates

Per 1,000 Live Births By Race: Texas

	NUMBER OF DEATHS			RATES		
Year	**Total**	**White**	**Black**	**Total**	**White**	**Black**
1950	221	151	70	1.1	0.9	2.5
1955	132	83	49	0.6	0.4	1.4
1960	107	71	36	0.4	0.3	1.0
1965	87	57	30	0.4	0.3	0.9
1970	79	46	33	0.3	0.2	1.0
1975	29	21	8	0.1	0.1	0.3
1978	28	19	9	0.1	0.1	0.3

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-53

Number of Neonatal Deaths and Mortality Rates

Per 1,000 Live Births By Race: Texas

	NUMBER OF DEATHS			RATES		
Year	**Total**	**White**	**Black**	**Total**	**White**	**Black**
1950	4,761	3,987	774	23.4	22.6	28.1
1955	4,796	3,908	888	20.0	19.0	26.3
1960	4,977	3,977	1,000	20.0	18.8	27.3
1965	3,874	2,947	927	18.0	16.4	26.3
1970	3,710	2,918	792	16.1	14.9	22.9
1975	2,548	1,972	576	11.8	10.8	18.0
1978	2,324	1,780	545	9.8	8.8	15.7

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-54

Number of Infant Deaths and Mortality Rates

Per 1,000 Live Births By Race: Texas

	NUMBER OF DEATHS			RATES		
Year	**Total**	**White**	**Black**	**Total**	**White**	**Black**
1950	7,630	6,442	1,188	37.4	36.5	43.2
1955	7,278	5,833	1,445	30.3	28.3	42.8
1960	7,200	5,581	1,619	29.0	26.3	44.1
1965	5,608	4,161	1,447	26.0	23.1	41.1
1970	4,934	3,823	1,111	21.4	19.5	32.1
1975	3,567	2,731	836	16.6	14.9	26.1
1978	3,369	2,579	790	14.2	12.8	22.7

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-55

Number of Neonatal Deaths By Health Service Area

And By Race: Texas, 1978

HSA	Total	Total White	White Exc. Span. Sur.	Spanish Surname	Black
1	62	58	41	17	4
2	72	67	33	34	5
3	88	81	35	46	7
4	96	85	65	20	11
5	481	328	285	43	153
6	190	134	103	31	56
7	132	76	74	2	56
8	256	238	56	182	18
9	203	187	69	118	16
10	127	82	74	8	45
11	538	368	263	105	170
12	80	76	39	37	4
Total	2,325	1,780	1,137	643	545

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-56

Number of Infant Deaths By Health Service

Area and By Race: Texas, 1978

HSA	Total	Total White	White Exc. Span. Sur.	Spanish Surname	Black
1	92	87	64	23	5
2	104	96	46	50	8
3	125	116	50	66	9
4	142	129	98	31	13
5	704	489	419	70	215
6	266	193	147	46	73
7	200	115	112	3	85
8	355	333	78	255	22
9	322	291	107	184	31
10	186	110	100	10	76
11	768	521	367	154	247
12	105	99	53	46	6
Total	3,369	2,579	1,641	938	790

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-57

Neonatal Mortality Rates Per 1,000 Live Births By

Health Service Area And By Race: Texas, 1978

HSA	Total	Total White	White Exc. Span. Sur.	Spanish Surname	Black
1	9.6	9.4	8.5	12.9	13.4
2	10.6	10.7	8.9	13.2	9.3
3	9.0	8.6	11.0	7.4	18.2
4	9.4	9.0	8.6	10.4	15.9
5	9.9	8.3	8.5	7.1	16.9
6	8.8	7.5	7.4	7.8	15.2
7	11.6	8.9	9.0	5.6	19.7
8	9.6	9.1	8.2	9.4	32.0
9	8.7	8.5	7.9	8.9	11.9
10	12.7	11.3	11.0	16.6	16.1
11	9.8	8.6	8.3	9.3	13.9
12	12.5	12.6	10.2	16.6	12.2
Total	9.8	8.8	8.6	9.3	15.7

Prepared by: Data Collection and Analysis Division, Bureau of State health Planning & Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

TABLE IV-58

Infant Mortality Rates Per 1,000 Live Births

By Health Service Area And By Race: Texas, 1978

HSA	Total	Total White	White Exc. Span. Sur.	Spanish Surname	Black
1	14.2	14.1	13.2	17.5	16.8
2	15.3	15.3	12.5	19.5	14.8
3	12.7	12.3	15.8	10.6	23.4
4	14.0	13.6	13.0	16.1	18.8
5	14.5	12.4	12.5	11.5	23.7
6	12.3	10.8	10.5	11.6	19.8
7	17.5	13.4	13.6	8.4	29.9
8	13.2	12.7	11.4	13.2	39.1
9	13.8	13.2	12.2	13.8	23.1
10	18.5	15.2	14.8	20.7	27.2
11	13.9	12.1	11.6	13.6	20.2
12	16.5	16.4	13.8	20.7	18.3
Total	14.2	12.8	12.4	13.6	22.7

Prepared by: Data Collection and Analysis Division, Bureau of State Health Planning and Resource Development, Texas Department of Health.

Source: Statistical Services Division, Bureau of Vital Statistics, Texas Department of Health.

HUMAN SERVICES

Special Populations

Expenditure and programs

N/A or NA – information is not available.

na – information is not applicable to the category for the time period specified.

TABLE IV-59

Supplemental Security Income to the

Aged, Blind, and Disabled in Texas

	Number of Persons Receiving Federally Administered Payments				Total Federal Payments to Recipients[1] (in thousands)
	Total	Aged	Blind	Disabled	
1977	272,340	171,375	4,029	96,936	$25,624
1975	270,218	192,709	3,953	73,556	21,793
1973	205,040	172,504	3,723	28,813	11,890

[1] State supplementary payments are not made in Texas.

Source: U.S. Department of Health, Education, and Welfare. Office of Research and Statistics, *Public Assistance Statistics*, 1973, 1975, and 1977.

TABLE IV-60

Expenditures for Vocational Rehabilitation of the

Blind and Visually Impaired in Texas

	1950	1960	1970	1979
Total, Federal and State Expend.	$198,007	$394,167[1]	$5,794,874	$15,522,222
Total Rehabilitations[1]	229	371	2,137	5,446
Average Cost per Rehabilitation	$864	$1,062	$2,711	$5,446
Number of Persons Served[1]	912	820	8,513	12,950
Average Cost per Case Served[1]	$217	$480	$680	$2,850

Figures for 1950, 1960, and 1970 relate to federal fiscal cycle beginning July 1 and ending June 30. The 1979 fiscal year relates to a cycle beginning October 1 and ending September 30.

[1] Rehabilitants and cases served in 1950 and 1960 include only blind-at-time-of-acceptance individuals. For 1970 and 1979, figures include visually impaired as well as blind persons.

Source: Texas State Commission for the Blind, March, 1980.

TABLE IV-61

Selected Federal Expenditures for Texas Veterans

(in thousands of dollars)

	1960	1970	1978
Total expenditures	$325,294	$522,998	$1,318,000
Compensation & Pensions	179,981	311,680	673,000
Education & Training	22,137	58,990	256,000
Medical Services & Administrative Costs	975	82,941	326,000
Insurance & Indemnities	42,679	43,315	51,200

Source: U.S. Bureau of the Census. *Statistical Abstract of the U.S., 1979; Statistical Abstract of the U.S., 1961* and *Statistical Abstract of the U.S., 1971.*

TABLE IV-62

Number Of Drug Abuse Clients Served[1]

By Total Cost And Cost Per Slot[2] 1975-1979

	1975			1979		
Type Of Slot	No. Of Slots	Slot Cost	Total Cost	No. Of Slots	Slot Cost	Total Cost
Inpatient	3	$40,000	$ 120,000	3	$40,000	$ 137,559
Residential	159	5,000	795,000	162	5,670	918,540
Day Care	na	na	na	10	2,620	26,200
Out-Patient	2,802	1,700	4,763,400	3,809	1,940	7,389,460
TOTAL	2,964	na	5,817,307	3,984	na	8,471,759
Total No. Of Clients Admitted	9,305			9,305		

[1] Includes those clients served by the Texas Department Of Community Affairs.

[2] A treatment "slot" represents the capacity to provide treatment to one active client for one year. Treatment may be provided in any of four "environments," i.e. residential, daycare, outpatient, inpatient. The National Institute on Drug Abuse (NIDA) establishes maximum slot costs for each type of environment. Thus, the cost per client is dependent on the particular environment in which the client is receiving services.

Source: Texas Department of Community Affairs, Drug Abuse Prevention Division.

TABLE IV-63

Provision of Interpreter Services for the Deaf in Texas

No. Of Clients Provided Interpreter Services		No. Of Interpreter Hours Provided		No. Of Clients Receiving Information & Referrals	
1978[1]	1979[2]	1978[1]	1979[2]	1978[1]	1979[2]
N/A	6,204	6,374	9,132	23,638	30,816

[1] Estimated 1978 figures are based on semi-annual figures reported for that year.

[2] Estimated 1979 figures are based on monthly reports from the Texas Commission for the Deaf.

Source: Texas Commission for the Deaf.

TABLE IV-64

Estimated Distribution Of Hearing Impaired

And Deaf Persons In Texas, 1980

Health System Area	Population	Hearing Impaired	Deaf
1	361,263	23,854	3,154
2	372,993	24,629	3,256
3	504,402	33,306	4,403
4	654,248	43,200	5,712
5	3,187,148	210,447	27,824
6	1,353,853	89,395	11,819
7	757,598	50,024	6,614
8	1,214,024	80,162	10,598
9	1,353,091	89,345	11,812
10	699,787	46,207	6,109
11	3,164,141	208,928	27,623
12	336,870	22,243	2,941
STATE TOTALS	13,959,418	921,740	121,866

Source: Texas Commission for the Deaf.

TABLE IV-65

Budgeted Allocations to Texas Councils for the Deaf for Information,

Referral and Interpreting Services, 1980[1]

	FY 1980		
Council	Title XX Funds	Legislated Funds	Total Funds
Central Texas	$ 2,200	$ 250	$ 2,450
Corpus Christi	4,250	700	4,950
Dallas	16,950	4,500	21,450
East Texas	4,500	700	5,200
El Paso	4,350	600	4,950
Gulf Coast	11,150	3,000	14,150
Lubbock	1,650	100	1,750
Mid-Cities	9,950	2,600	12,550
Panhandle	3,150	500	3,650
Permian Basin	1,800	200	2,000
San Antonio	4,250	700	4,950
Silent Friends	1,900	200	2,100
Southeast Texas	8,800	1,000	9,800
Fort Worth	19,300	5,000	24,300
Texarkana	1,700	100	1,800
Texoma	2,600	300	2,900
Travis	15,800	4,000	19,800
Valley	3,550	500	4,050
West Texas	1,700	100	1,800
TOTAL	$119,550[2]	$25,050	$144,600

[1] Due to a significant reduction in the amount of money available for the Department of Human Resources, the subcontracts between councils and TCD are in the process of being modified to reflect that reduction. If at a later date, during this fiscal year, additional money becomes available, through higher appropriations by the U.S. Congress, the subcontracts will be restored to their original amounts.

[2] These expenditures do not include any expenditures for services for the deaf that are included in other agencies (e.g. expenditures by the Texas Education Agency for special education).

Source: Texas Commission for the Deaf.

HUMAN SERVICES

The Justice System

Criminal justice
Juvenile justice
The court system

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE IV-66

Comparison of Crime Rate
per 100,000 Inhabitants:
Texas and United States, 1976-1978

	Violent Crime		Property Crime	
Year	Texas	U.S.	Texas	U.S.
1976	355.7	496.9	5,108.7	4,806.8
1977	407.7	466.6	4,989.4	4,588.4
1978	435.3	486.9	5,121.5	4,622.4

Sources: Uniform Crime Reporting Division, Department of Public Safety and Federal Bureau of Investigation, *Crime in the United States*, 1976-1977-1978.

TABLE IV-67

Total Crime Rate and Percent Change:
Texas and United States, 1970-1977

	Texas		U.S.	
Year	Rate Per 100,000	Percent Change from 1970	Rate Per 100,000	Percent Change from 1970
1970	2,705.8		2,740.5	
1971	2,697.4	-1.0%	2,906.7	6.1%
1972	2,655.6	-1.9	2,829.5	3.2
1973	4,046.2	49.5	4,116.4	50.2
1974	4,695.2	73.5	4,821.4	75.9
1975	5,407.2	99.8	5,281.7	92.7
1976	5,464.4	102.0	5,266.4	92.2
1977	5,397.1	99.4	5,055.1	84.4

Source: Survey Research Program, Criminal Justice Center, Sam Houston State University, *Crime In Texas: 1970-1978.*

FIGURE IV-22

Property Crime Rates in Texas and United States: 1976-1978

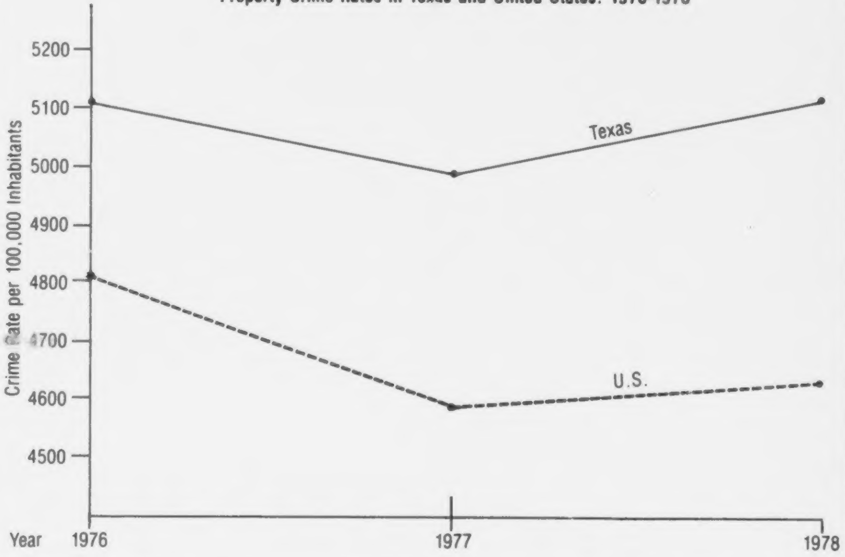


FIGURE IV-23

Violent Crime Rates in Texas and United States: 1976-1978

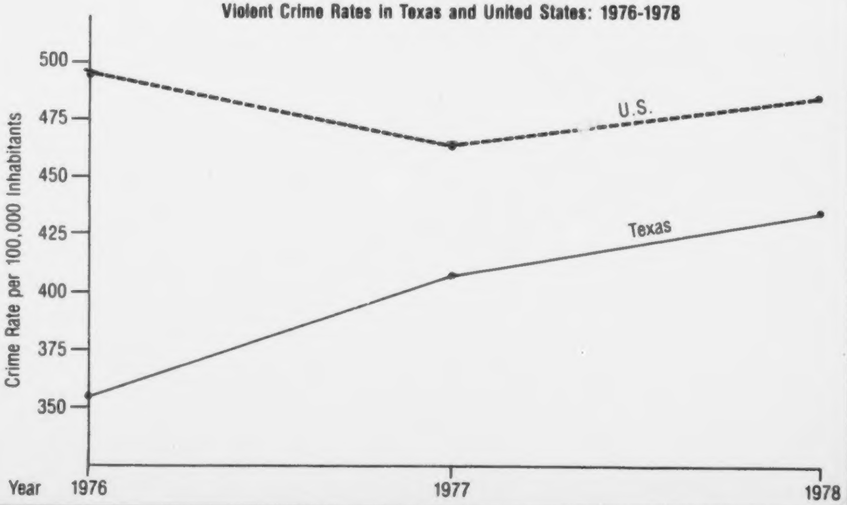


TABLE IV-68

Crime Incidence[1] in Texas: 1950-1979

Year	Rate Per 100,000 Inhabitants	Number of Violent Crimes[2]	Violent Crime Incidence Rate	Number of Property Crimes[3]	Property Crime Incidence Rate
1950	1,098.3	12,678	137.5	88,621	960.8
1951	1,157.9	12,272	132.8	94,752	1,025.1
1952	1,210.9	12,331	133.1	99,828	1,077.8
1953	1,309.3	12,648	136.3	108,873	1,173.0
1954	1,298.1	12,946	139.2	107,778	1,158.9
1955	1,360.5	13,875	148.9	112,916	1,211.6
1956	1,518.1	13,181	141.1	128,599	1,377.0
1957	1,654.4	13,271	141.8	141,552	1,512.6
1958	1,804.5	15,018	160.2	154,187	1,644.3
1959	1,845.2	17,003	178.4	158,848	1,666.8
1960	2,076.8	17,964	187.5	180,992	1,889.3
1961	2,076.9	17,462	178.7	185,793	1,898.2
1962	2,141.7	18,013	178.1	198,637	1,963.6
1963	2,220.8	19,145	185.5	210,109	2,035.3
1964	2,508.9	23,325	224.3	237,535	2,284.6
1965	2,694.1	25,753	244.1	258,496	2,450.0
1966	2,769.8	25,258	234.9	272,552	2,534.9
1967	3,063.7	28,767	264.7	304,219	2,799.0
1968	3,398.7	30,318	276.3	342,594	3,122.4
1969	3,862.2	39,013	348.7	393,058	3,513.5
1970	4,189.3	44,026	393.2	425,036	3,796.1
1971	4,209.3	53,579	467.5	428,807	3,741.8
1972	3,839.1	40,879	350.9	406,346	3,488.2
1973	4,046.2	44,995	381.5	432,216	3,664.7
1974	4,695.2	46,518	386.0	519,249	4,309.1
1975	5,407.2	47,803	390.6	613,872	5,016.5
1976	5,464.4	44,422	355.7	637,918	5,108.7
1977	5,397.1	52,309	407.7	640,141	4,989.4
1978	5,556.8	56,650	435.3	666,514	5,121.5
1979	5,911.7	67,702	506.5	722,346	5,405.2

[1] Data for 1950-1975 interpolated based on available but incomplete data. Data for 1976-1979 are actual.
[2] Violent Crimes = murder, forcible rape, robbery, and aggravated assault.
[3] Property Crimes = burglary, larceny-theft, motor vehicle theft.

Source: Uniform Crime Reporting Division, Texas Department of Public Safety.

TABLE IV-69

Known Criminal Offenses in Texas: 1976-1978

Offense	January-December 1976			January-December 1977			January-December 1978		
	Known Offenses Reported	Clearances	Percent Cleared	Known Offenses Reported	Clearances	Percent Cleared	Known Offenses Reported	Clearances	Percent Cleared
Murder[1]	1,468	1,260	86%	1,686	1,363	81%	1,839	1,457	79%
Rape	3,557	2,098	59	4,293	2,504	58	4,892	2,659	54
Robbery	17,120	7,095	41	19,453	7,519	39	21,320	7,661	36
Aggravated Assault	21,077	14,827	70	26,391	18,121	69	28,200	19,279	68
Burglary	187,182	36,993	20	203,700	38,643	19	207,989	36,028	17
Larceny-Theft	391,679	81,017	21	380,222	80,078	21	396,380	80,855	20
Motor Vehicle Theft	42,968	9,370	22	50,595	10,943	22	57,462	13,058	23
TOTALS	665,051	152,660	23	686,340	159,171	23	718,082	160,997	22

[1] Negligent Manslaughter defined as the killing of another person through gross negligence, not included — 386 known statewide.

Source: Texas Department of Public Safety, *Crime in Texas*, Annual Reports.

TABLE IV-70

Average Inmate Costs, 1970-1979[1]

Fiscal Year	Operating Deficit	Average Inmate Population	Average Inmate Cost Per Year	Average Inmate Cost Per Day
1970	$17,138,992.63	13,007	$1,317.67	$3.61
1971	18,226,987.40	14,698	1,240.10	3.39
1972	19,503,957.33	16,125	1,209.55	3.31
1973	22,947,571.30	16,158	1,420.20	3.89
1974	28,683,383.39	17,106	1,676.80	4.59
1975	32,980,276.56	17,367	1,899.03	5.20
1976	42,644,895.83	19,510	2,185.80	5.97
1977	55,926,731.73	20,942	2,670.34	7.32
1978	59,818,989.13	22,914	2,610.48	7.15
1979	66,623,601.80	24,865	2,679.41	7.34

[1] 1970-1976 calculations based on net of total operating expenses over total operating income as presented by the annual operating statement each year.
1977-1979 calculations based on cash expenditures for maintenance of inmates.

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-72

Inmate Population Summary, Texas Department of Corrections

Fiscal Year	Population Aug. 31	Percent Increase	Admitted	Inmates Paroled	Discharged
1970	13,708		5,853	1,972	3,037
1971	15,418	12.5%	6,928	2,189	3,376
1972	16,171	4.9	7,117	3,184	3,420
1973	16,689	3.2	7,140	3,749	3,245
1974	16,956	1.6	7,442	4,139	3,680
1975	18,151	7.0	8,553	4,958	3,037
1976	20,976	11.7	9,626	4,208	3,417
1977	20,862	2.9	9,910	7,477	3,550
1978	24,615	18.0	11,201	5,076	3,647
1979	25,164	2.2	11,432	7,800	3,040

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-71

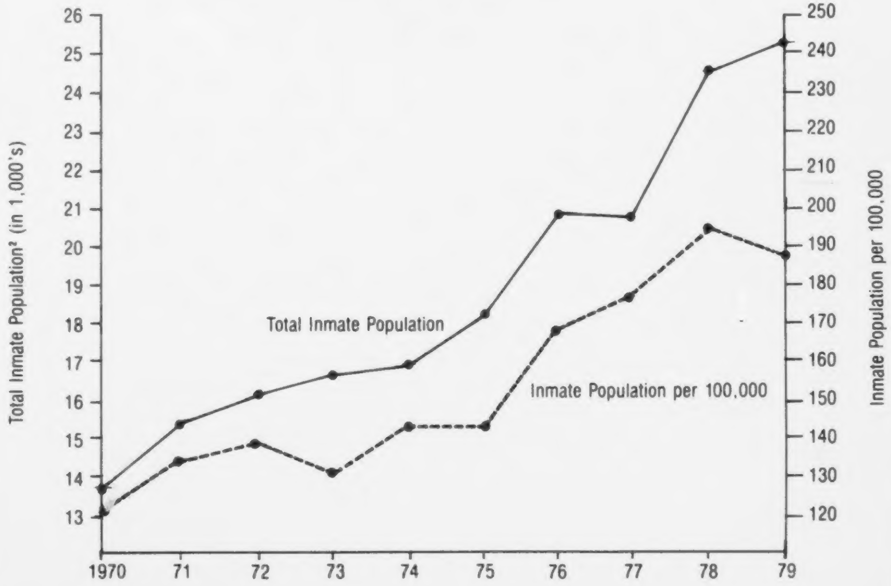
Expenditures for Texas Department of Corrections, Fiscal Year 1978-1980

Expenditure Category	1978	1979	1980
Administration	$ 2,620,794	$ 2,699,876	$ 3,061,121
Receiving of Adult Offenders	869,763	895,837	1,064,836
Rehabilitation, Retention, and Maintenance of Adult Offenders	53,246,283	57,586,068	83,729,727
Education of Adult Offenders	1,314,297	1,347,292	1,642,344
Reintegration of Adult Offenders	364,798	377,649	412,249
Release of Adult Offenders	2,552,400	2,746,200	3,020,820
Hazardous Pay Duty	-0-	-0-	-0-
Building Programs	42,601,000	39,000,000	60,127,498
TOTAL	$103,569,335	$104,652,876	$153,058,595

Source: Texas Department of Corrections, *Operating Budget Fiscal Year 1980; Annual Report 1978.*

FIGURE IV-24

Texas Inmate Population Trends[1]



[1] Figures for 1979 are based on U.S. Bureau of the Census, *Estimates of Population of States by Age, July 1, 1971-1979*, Series P-25, No. 875, January, 1980.
[2] As of August 31 of each year.

TABLE IV-73

Classification of Inmate Population as First Offender, Recidivist, Habitual, or High Security Risk by Age and Sex, August 31, 1979

	MALE		FEMALE		TOTAL		
Classification	Number of Inmates	Percent	Number of Inmates	Percent	Number of Inmates	Percent	Cumulative Percent
First Offender 17-21	2,971	12.41%	102	9.72%	3,073	12.30%	12.30%
First Offender 22-25	2,928	12.23	190	18.11	3,118	12.48	24.78
First Offender 26-Over	4,375	18.27	353	33.65	4,728	18.92	43.70
Recidivist 17-21	1,238	5.17	22	2.10	1,260	5.04	48.74
Recidivist 22-25	2,351	9.82	75	7.15	2,426	9.71	58.45
Recidivist 26-Over	7,228	30.19	271	25.83	7,499	30.01	88.46
Habitual 26-Over	2,649	11.07	35	3.34	2,684	10.74	99.20
High Security Risk	200	.84	1	.10	201	.80	100.00
TOTAL	23,940	100.00%	1,049	100.00%	24,989	100.00%	100.00%
Data Not Available	152		23		175		

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-74

Ten States with Highest Incarceration Rates per 100,000 State Residents:

December 31, 1974 thru December 31, 1978

1974		1975		1976		1977		1978	
State	Incarceration Rate	State	Incarceration Rate	State	Incarceration Rate	State	Incarceration Rate	State	Incarceration Rate
Dist. of Columbia	287	Dist. of Columbia	305	Dist. of Columbia	356	Dist. of Columbia	365	Dist. of Columbia	376
Georgia	240	Georgia	236	N. Carolina	240	N. Carolina	260	S. Carolina	240
N. Carolina	223	N. Carolina	233	S. Carolina	237	S. Carolina	257	Florida	232
Maryland	151	S. Carolina	195	Georgia	227	Georgia	235	N. Carolina	227
Nevada	148	Florida	165	Florida	199	Florida	222	Georgia	214
Oklahoma	145	Maryland	163	Maryland	185	Maryland	102	Nevada	206
Texas	142	Nevada	151	Alaska	150	Nevada	195	**Texas**	195
S. Carolina	142	**Texas**	142	Nevada	147	**Texas**	177	Maryland	192
Florida	137	Alaska	135	Oklahoma	145	Alaska	146	Louisiana	187
Alabama	117	Alabama	131	Delaware	144	Oklahoma	143	Delaware	172

NSP Bulletin SD-NPS-PSF-6A, May 1979.

Source: Florida Department of Corrections, Bureau of Planning Research and Statistics Research Report.

TABLE IV-75

Texas Inmate Population by Ethnicity and Sex, August 31, 1979

Ethnic Group	MALE Number of Inmates	MALE Percent	FEMALE Number of Inmates	FEMALE Percent	TOTAL Number of Inmates	TOTAL Percent	TOTAL Cumulative Percent
Black	10,260	42.59%	548	51.12%	10,808	42.95%	42.95%
Caucasian	9,301	38.61	394	36.75	9,695	38.53	81.48
Mexican-American	4,531	18.81	130	12.13	4,661	18.52	100.00
Other	0	.00	0	.00	0	.00	100.00
TOTAL	24,092	100.00%	1,072	100.00%	25,164	100.00%	100.00%

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-76

Summary of Inmate Population by Facility

Facility	Fiscal Year 1978 Monthly Average	Fiscal Year 1979 Monthly Average	Percent Difference
Central	751.59	794.65	5.73%
Clemens	1,071.14	1,169.33	9.17
Coffield	3,421.70	4,041.59	18.12
Darrington	842.05	961.85	14.23
Diagnostic	883.73	875.70	0.91
Ellis	2,186.73	2,397.39	9.63
Eastham	2,480.77	2,671.02	7.67
Ferguson	1,970.64	2,135.23	8.35
Goree	584.02	624.87	6.99
Huntsville	2,076.75	2,203.85	6.12
John Sealy[1]	-0-	28.94	-0-[2]
Jester I	451.84	459.94	1.79
Jester II	390.40	387.91	0.64
Mountain View	378.10	458.20	21.18
Retrieve	776.20	841.84	8.46
Ramsey I	1,683.56	1,828.22	8.59
Ramsey II	983.93	1,064.42	8.18
Wynne	1,977.14	1,919.64	-2.91
Average Inmate Population	22,910.34	24,864.59	8.53%

[1] John Sealy Hospital added to the report.

[2] John Sealy Hospital population data not available for 1978 fiscal year.

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-77

Texas Inmate Population by Sex and Age, August 31, 1979

Age (Years)	MALE Number of Inmates	MALE Percent	FEMALE Number of Inmates	FEMALE Percent	TOTAL Number of Inmates	TOTAL Percent	TOTAL Cumulative Percent
Less than 17	22	.09%	0	.00%	22	.09%	.09%
17 - 19	1,784	7.41	47	4.38	1,831	7.28	7.37
20 - 22	3,958	16.43	164	15.30	4,122	16.38	23.75
23 - 25	3,976	16.51	199	18.56	4,175	16.59	40.34
26 - 28	3,494	14.51	181	16.88	3,675	14.61	54.95
29 - 31	2,929	12.16	134	12.50	3,063	12.17	67.12
32 - 34	2,089	8.67	101	9.42	2,190	8.70	75.82
35 - 37	1,539	6.39	69	6.44	1,608	6.39	82.21
38 - 40	1,148	4.77	50	4.66	1,198	4.76	86.97
41 - 43	825	3.42	34	3.17	859	3.41	90.38
44 - 46	680	2.82	21	1.96	701	2.79	93.17
47 - 49	477	1.98	27	2.52	504	2.00	95.17
50 - 52	437	1.81	14	1.31	451	1.79	96.96
53 - 55	283	1.17	12	1.12	295	1.17	98.13
56 - 58	197	.82	12	1.12	209	.83	98.96
59 - 61	101	.42	2	.19	103	.41	99.37
62 and Over	149	.62	5	.47	154	.61	99.98
TOTAL	24,088	100.00%	1,072	100.00%	25,160	100.00%	99.98%
Data Not Available	4		0		4		

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-78

Number of Prior Confinements in TDC Facilities of Inmate Population, August 31, 1979

	MALE		FEMALE		TOTAL		
Number of Confinements	Number of Inmates	Percent	Number of Inmates	Percent	Number of Inmates	Percent	Cumulative Percent
0	14,143	58.70%	788	73.51%	14,931	59.33%	59.33%
1	5,750	23.87	185	17.26	5,935	23.59	82.92
2	2,646	10.98	68	6.34	2,714	10.79	93.71
3	969	4.02	24	2.24	993	3.95	97.66
4	364	1.51	6	.56	370	1.47	99.31
5	139	.58	0	.00	139	.55	99.68
Over 5	81	.34	1	.09	82	.32	100.00
TOTAL	24,092	100.00%	1,072	100.00%	25,164	100.00%	100.00%

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-79

Average Aggregate Time Served by Inmates Discharged by TDC During Fiscal Year 1979

	MALE		FEMALE		TOTAL		
Maximum Sentence	Number of Inmates	Percent	Number of Inmates	Percent	Number of Inmates	Percent	Cumulative Percent
Less than 1 Year	5	.17%	0	.00%	5	.16%	.16%
Less than 2 Years	17	.59	0	.00	17	.56	.72
Less than 3 Years	576	19.95	37	24.83	613	20.19	20.91
Less than 4 Years	613	21.23	31	20.81	644	21.21	42.12
Less than 5 Years	280	9.70	23	15.44	303	9.98	52.10
Less than 6 Years	720	24.94	36	24.16	756	24.90	77.00
Less than 7 Years	129	4.47	5	3.36	134	4.41	81.41
Less than 8 Years	106	3.67	4	2.68	110	3.62	85.03
Less than 9 Years	104	3.60	2	1.34	106	3.49	88.52
Less than 10 Years	10	.35	0	.00	10	.33	88.85
10 - 14 Years	239	8.28	10	6.71	249	8.20	97.05
15 - 19 Years	53	1.84	1	.67	54	1.78	98.83
20 - 29 Years	26	.90	0	.00	26	.86	99.69
30 - 39 Years	2	.07	0	.00	2	.07	99.76
40 - 49 Years	3	.10	0	.00	3	.10	99.86
50 Years and Over	1	.03	0	.00	1	.03	99.89
Life	3	.10	0	.00	3	.10	99.99
TOTAL	2,887	100.00%	149	100.00%	3,036	100.00%	99.99%
Data Not Available	4		0		4		

[1] Time served *includes* flat time, good time, etc.

Source: Texas Department of Corrections, *Fiscal Year Statistical Report*, 1979.

TABLE IV-80

Parole Statistics: Texas 1963-1979

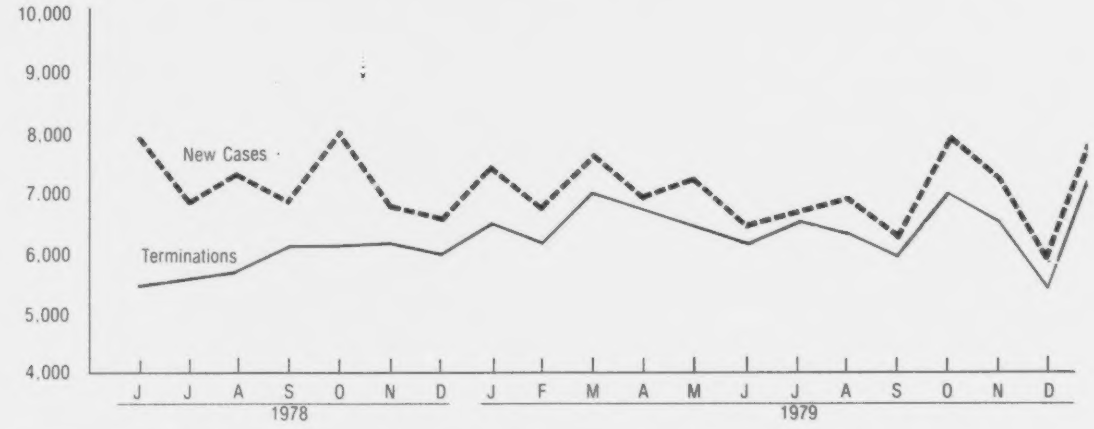
Fiscal Year	Number Cases Considered for Parole	Number Cases Recommended	No. Cases Granted by Governor	No. Cases Denied by Governor
1963	10,238	3,046	2,809	182
1964	10,831	3,361	3,192	106
1965	10,971	3,096	2,644	226
1966	11,757	2,885	2,505	323
1967	9,721	2,165	1,985	203
1968	9,017	2,348	2,087	170
1969	8,945	2,041	1,966	45
1970	9,619	2,141	2,073	5
1971	11,662	2,446	2,289	1
1972	12,275	3,712	3,393	33
1973	13,027	3,840	3,803	46
1974	15,395	4,870	4,285	177
1975	15,316	5,309	4,826	452
1976	16,796	5,219	4,282	633
1977	21,754	8,950	7,667	1,233
1978	16,922	5,716	4,965	622
1979	20,691	10,273	7,766	2,123

Note: Data include conditional pardons, out-of-country and out-of-state.

Source: Texas Board of Pardons and Parole.

FIGURE IV-25

Texas Adult Probation Terminations vs. New Cases (Participating Departments Only)



Terminations = number of adults whose probation was terminated by Texas courts.
New Cases = number of adults placed on probation by Texas courts (June 1978 thru May 1979 data also includes new pre-trial release cases).

Source: Texas Adult Probation Commission, Division of Information Services.

TABLE IV-81

Texas Adult Probation Caseload Statistical Profile[1]

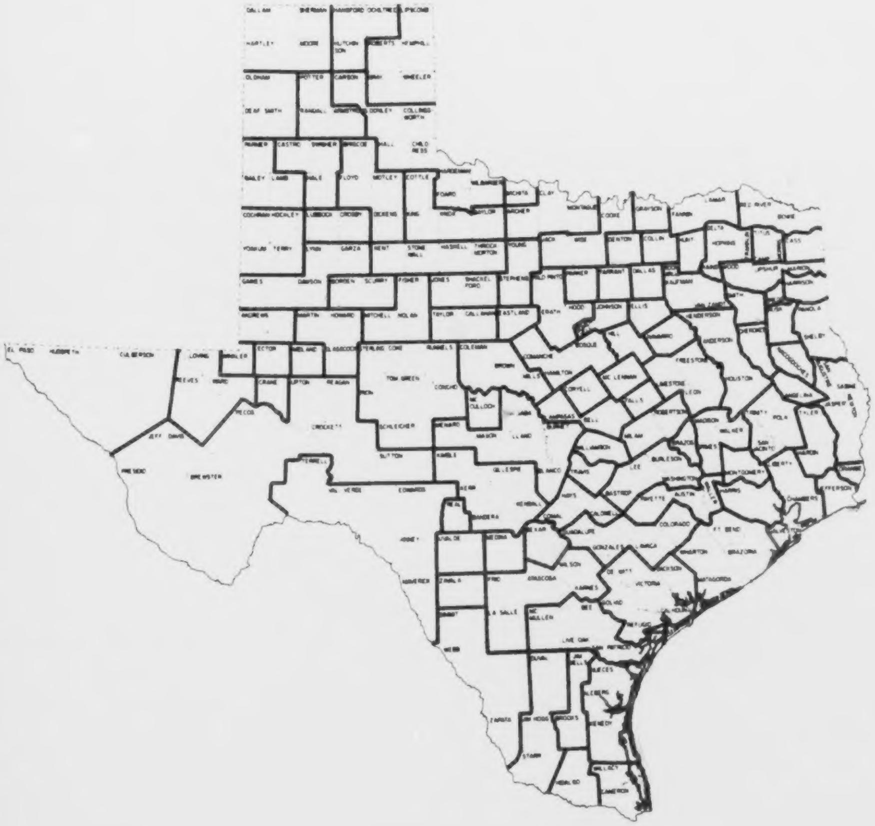
	MISDEMEANOR		FELONY		TOTAL			
	6/78 to 5/79	6/79 to 1/80	6/78 to 5/79	6/79 to 1/80	6/78 to 5/79		6/79 to 1/80	
					Total	% Felony	Total	% Felony
Yearly Averages:								
Adults Under Supervision	53,551	53,009	60,461	65,730	65,730	53.0%	118,738	55.4%
Direct Supervision	43,001	43,346	48,617	51,473	91,618	53.1	94,819	54.3
Indirect Supervision	16,031	16,744	19,642	23,808	35,673	55.1	40,549	58.7
Pre-Trial Release	452	272	382	255	835	45.9	527	48.4
Transfers into Texas	167	324	1,755	1,619	1,722	91.3	1,943	83.3
Shock Probation	4	11	247	598	251	98.3	609	98.2
Total Transactions:								
New Cases	60,074	45,423	26,793	23,446	86,867	30.8	68,869	34.0
Terminations	59,242	45,432	21,611	17,557	80,853	26.7	62,989	27.9
Pre-Sentence Investigations	N/A	4,072	N/A	9,163	N/A	N/A	13,235	69.2

[1] Data submitted by 225 participating counties covering approximately 97.5 percent of the Texas population.

Source: Texas Adult Probation, *Statistical Reports.*

FIGURE IV-26

Jurisdictions of Texas Adult Probation Departments



Source: Texas Adult Probation Commission, Division of Information Services.

TABLE IV-82

Adult Probation Departments Listed by "Chief County"[1]

1. Anderson
   - Henderson
   - Houston
2. • Andrews
3. Angelina
4. • Atascosa
   - Frio
   - Karnes
   - LaSalle
   - Wilson
5. Bastrop
   - Burleson
   - Lee
   - Washington
6. Baylor
   - Cottle
   - King
   - Knox
7. Bell
   - Lampasas
8. Bexar
9. Bowie
   - Red River
10. Brazoria
    - Fort Bend
    - Matagorda
    - Wharton
11. Brazos
12. • Brown
    - Coleman
    - Mills
13. Caldwell
    - Comal
    - Hays
14. Cameron
    - Willacy
15. Cass
16. Cherokee
17. Collin
18. Comanche
    - Bosque
    - Hamilton
19. Cooke
    - Jack
    - Wise
20. Coryell
21. • Crane
22. Dallas
23. Deaf Smith
    - Oldham
24. Denton
25. Dickens
    - Briscoe
    - Floyd
    - Motley
26. Duval
    - Jim Hogg
    - Starr
27. • Eastland
28. Ector
29. Ellis
30. El Paso
    - Culberson
    - Hudspeth
31. Falls
32. Fayette
    - Austin
    - Waller
33. Galveston
34. Garza
    - Dawson
    - Gaines
    - Lynn
35. Gonzales
    - Colorado
    - Guadalupe
    - Lavaca
36. Gray
    - Hemphill
    - Lipscomb
    - Roberts
    - Wheeler
37. Grayson
38. Gregg
39. Hale
    - Castro
    - Swisher
40. Hall
    - Carson
    - Childress
    - Collingsworth
    - Donley
41. Hardin
    - Tyler
42. Harris
43. Harrison
44. • Haskell
    - Kent
    - Stonewall
    - Throckmorton
45. Hidalgo
46. Hill
47. Hopkins
    - Delta
    - Franklin
    - Rains
48. Howard
    - Glasscock
    - Martin
49. Hunt
50. Hutchinson
51. Jasper
    - Newton
    - Sabine
    - San Augustine
52. Jefferson
53. Jim Wells
    - Brooks
54. Johnson
    - Somervell
55. Jones
    - Shackelford
56. Kaufman
    - Rockwall
    - Van Zandt
57. • Kerr
    - Bandera
    - Gillespie
    - Kendall
    - Kimble
58. Lamar
    - Fannin
59. Lamb
    - Bailey
    - Parmer
60. Liberty
    - Chambers
61. Limestone
    - Freestone
    - Leon
62. Lubbock
    - Crosby
63. • McCullough
64. McClennan
65. Mason
    - Blanco
    - Burnet
    - Llano
    - Menard
    - San Saba
66. • Medina
67. Midland
68. Milam
    - Robertson
69. Montague
    - Archer
    - Clay
70. Montgomery
71. Moore
    - Dallam
    - Hartley
    - Sherman
72. Morris
    - Camp
    - Titus
73. Nacogdoches
74. Navarro
75. Nolan
    - Fisher
    - Mitchell
76. Nueces
    - Kenedy
    - Kleberg
77. Orange
78. Palo Pinto
    - Erath
    - Hood
79. Panola
    - Shelby
80. Parker
81. Pecos
    - Brewster
    - Crockett
    - Jeff Davis
    - Presidio
    - Reagan
    - Sutton
    - Upton
82. Polk
    - San Jacinto
    - Trinity
83. Potter
    - Armstrong
    - Randall
84. • Real
85. • Reeves
    - Loving
    - Ward
86. Rusk
87. San Patricio
    - Aransas
    - Bee
    - Live Oak
    - McMullen
88. Scurry
    - Borden
89. Smith
90. Stephens
91. Tarrant
92. Taylor
    - Callahan
93. Terry
    - Cochran
    - Hockley
    - Yoakum
94. Tom Green
    - Coke
    - Concho
    - Irion
    - Runnels
    - Schleicher
    - Sterling
95. Travis
96. Upshur
    - Marion
    - Wood
97. • Uvalde
98. Val Verde
    - Edwards
    - Kinney
    - Maverick
    - Terrell
99. Victoria
    - Calhoun
    - DeWitt
    - Goliad
    - Jackson
    - Refugio
100. Walker
     - Grimes
     - Madison
101. Webb
     - Dimmit
     - Zapata
102. Wichita
103. • Wilbarger
     - Foard
     - Hardeman
104. Williamson
105. • Winkler
106. Young
107. • Zavala

•Indicates Non-Participation in State Aid

[1] County in which Chief Adult Probation Officer is headquartered.

Source: Texas Adult Probation Commission, Division of Information Services.

TABLE IV-83

Texas Courts Juvenile Activity

1978 Reported Statistics

Combined District and County Court Activity	
Cases on Docket	
Pending January 1, 1978	6,552
Cases Filed	
Delinquent Conduct	9,899
C.I.N.S.	1,597
Other Cases Added	2,044
Total Cases on Docket	20,092
Dispositions	
Findings of Delinquent Conduct or C.I.N.S.	7,837
Findings of No Delinquent Conduct or C.I.N.S.	107
Transferred on Change of Venue	153
Dismissed and Other Dispositions	5,845
Total Dispositions	13,942
Pending December 31, 1978	6,150

Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

TABLE IV-84

Summary of Juvenile Probation Referrals

and Dispositions in Texas

Activity	1976	1977	1978
Total Number of Referrals	67,047	71,598	74,759
Number of Children Referred	59,965	53,675	56,675
Unofficial Dispositions	50,140	52,102	54,497

Source: *Texas Juvenile Probation Report: June 1979.* Office of Court Administration and Texas Judicial Council.

TABLE IV-85

Ethnicity, Sex, and Age of Referrals, 1978

Ethnicity and Sex	Age								Total
	10 Years	11 Years	12 Years	13 Years	14 Years	15 Years	16 Years	17 Years	
White:									
Male	487	694	1,350	2,644	4,780	7,322	9,587	330	27,194
Female	77	139	461	1,314	2,736	3,572	3,254	119	11,672
Black:									
Male	306	481	827	1,279	1,876	2,509	3,012	83	10,373
Female	36	74	172	376	612	770	647	21	2,708
Spanish Surname:									
Male	272	449	901	1,890	3,055	4,498	5,144	216	16,425
Female	53	77	266	627	1,022	1,158	1,014	18	4,235
Other:									
Male	42	82	150	209	280	361	382	5	1,511
Female	6	18	29	58	79	116	117	14	437
Total	1,279	2,014	4,156	8,397	14,440	20,306	23,157	806	74,555

Source: *Texas Juvenile Probation Report: June 1979.* Office of Court Administration and Texas Judicial Council.

TABLE IV-86

Selected Characteristics of Juvenile

Probation Referrals in Texas, 1978

Characteristics	Number	Percent
Prior Status of Referrals		
No Prior Referrals	41,646	55.7%
One or More Prior Referrals	33,113	44.3
Prior Adjudication of Referrals		
No Prior Adjudications	64,584	86.4
One or More Prior Adjudications	10,175	13.6
Source of Referred Children		
Police Agency	64,923	86.8
Social Agency	1,076	1.4
Parent	3,208	4.3
School	3,180	4.3
Other	2,372	3.2
Family Status of Referrals		
Lived with both parents	40,467	54.2
Lived with one parent	27,424	36.8
Lived with relative	2,708	3.6
Lived with adoptive family	277	.4
Lived with foster family	494	.6
Other	3,300	4.4

Source: *Texas Juvenile Probation Report: June 1979.* Office of Court Administration and Texas Judicial Council.

TABLE IV-87

School Status of Juvenile Probation Referrals

by Highest Grade Completed, 1978

Status	Grade Level							
	6th Grade or Below	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade	Total
In School	9,514	9,798	13,424	13,342	8,458	2,965	188	57,689
Dropped Out of School	1,237	1,708	3,026	3,038	1,359	282	15	10,665
Suspended or Expelled from School	94	183	308	350	211	55	4	1,205
Total	10,845	11,689	16,758	16,730	10,028	3,302	207	69,559

Source: *Texas Juvenile Probation Report: June 1979*. Office of Court Administration and Texas Judicial Council.

TABLE IV-88

Ethnicity, Sex, and Alleged Offense of Referrals, 1978

	Alleged Delinquent Offenses							Alleged Status Offenses				Alleged Non-Status Offenses		
Ethnicity and Sex	Homicide	Rape	Robbery	Aggravated Assault	Burglary / Theft	Controlled Substance	Other Delinquent Offenses	School Attendance	Possession of Alcohol	Runaway	All Other Status Offense	Inhalants	All Other CINS	Total
White:														
Male	47	92	219	468	9,422	2,033	4,773	1,666	1,786	3,446	879	158	2,215	27,204
Female	12	3	34	100	1,776	595	740	973	466	5,642	416	47	877	11,681
Black:														
Male	29	87	307	366	5,253	481	1,479	539	159	487	140	17	1,029	10,373
Female	6	8	28	80	807	86	304	314	30	700	90	3	253	2,709
Spanish Surname:														
Male	35	86	162	407	6,037	1,138	2,494	783	1,144	840	756	682	1,863	16,427
Female	1	2	10	61	945	105	284	389	121	1,441	286	88	502	4,235
Other:														
Male	1	3	10	17	950	51	151	45	40	102	13	17	111	1,511
Female	0	0	3	8	140	16	23	19	2	178	10	3	35	437
Total	131	281	773	1,507	25,330	4,505	10,248	4,728	3,748	12,836	2,590	1,015	6,885	74,577

Source: *Texas Juvenile Probation Report: June 1979*. Office of Court Administration and Texas Judicial Council.

TABLE IV-89

Length of Detention of Referrals Detained
in Secure Detention Facilities, 1978

	Delinquent Offenses and Non-Status Offenses					Status Offenses					
	Less Than 24 Hours	At Least 1 Day But Not More Than 3 Days	At Least 3 Days But Not More Than 5 Days	At Least 5 Days But Not More Than 10 Days	More Than 10 Days	Less Than 24 Hours	At Least 1 Day But Not More Than 3 Days	At Least 3 Days But Not More Than 5 Days	At Least 5 Days But Not More Than 10 Days	More Than 10 Days	Total
Number of Referrals	9,614	6,459	1,742	1,668	2,032	3,941	2,939	782	680	708	30,565

Source: *Texas Juvenile Probation Report: June 1979*. Office of Court Administration and Texas Judicial Council.

TABLE IV-90

Referrals Detained in a Secure Delinquent Facility by Alleged Offense, Sex, and Ethnicity, 1978

	Alleged Delinquent Offenses							Alleged Status Offenses				Alleged Non-Status Offenses		
Ethnicity and Sex	Homicide	Rape	Robbery	Aggravated Assault	Burglary / Theft	Controlled Substance	Other Delinquent Offenses	School Attendance	Possession of Alcohol	Runaway	All Other Status Offense	Inhalants	All Other CINS	Total
White:														
Male	25	37	147	201	3,395	792	1,443	228	531	1,643	270	58	753	9,523
Female	5		19	42	507	248	289	92	135	2,707	92	17	301	4,454
Black:														
Male	26	47	195	161	2,561	270	742	119	73	219	52	8	593	5,066
Female	5	4	24	30	310	52	130	34	15	317	25		124	1,070
Spanish Surname:														
Male	31	46	103	213	2,573	503	1,343	133	564	354	308	335	803	7,309
Female	1		9	20	288	54	127	56	63	615	77	41	187	1,538
Other:														
Male	1	3	10	20	825	46	118	20	30	103	5	9	69	1,259
Female			3	9	112	13	18	8	1	155	6	2	19	346
Total	94	137	510	696	10,571	1,978	4,210	690	1,412	6,113	835	470	2,849	30,565

Source: *Texas Juvenile Probation Report: June 1979*. Office of Court Administration and Texas Judicial Council.

TABLE IV-91

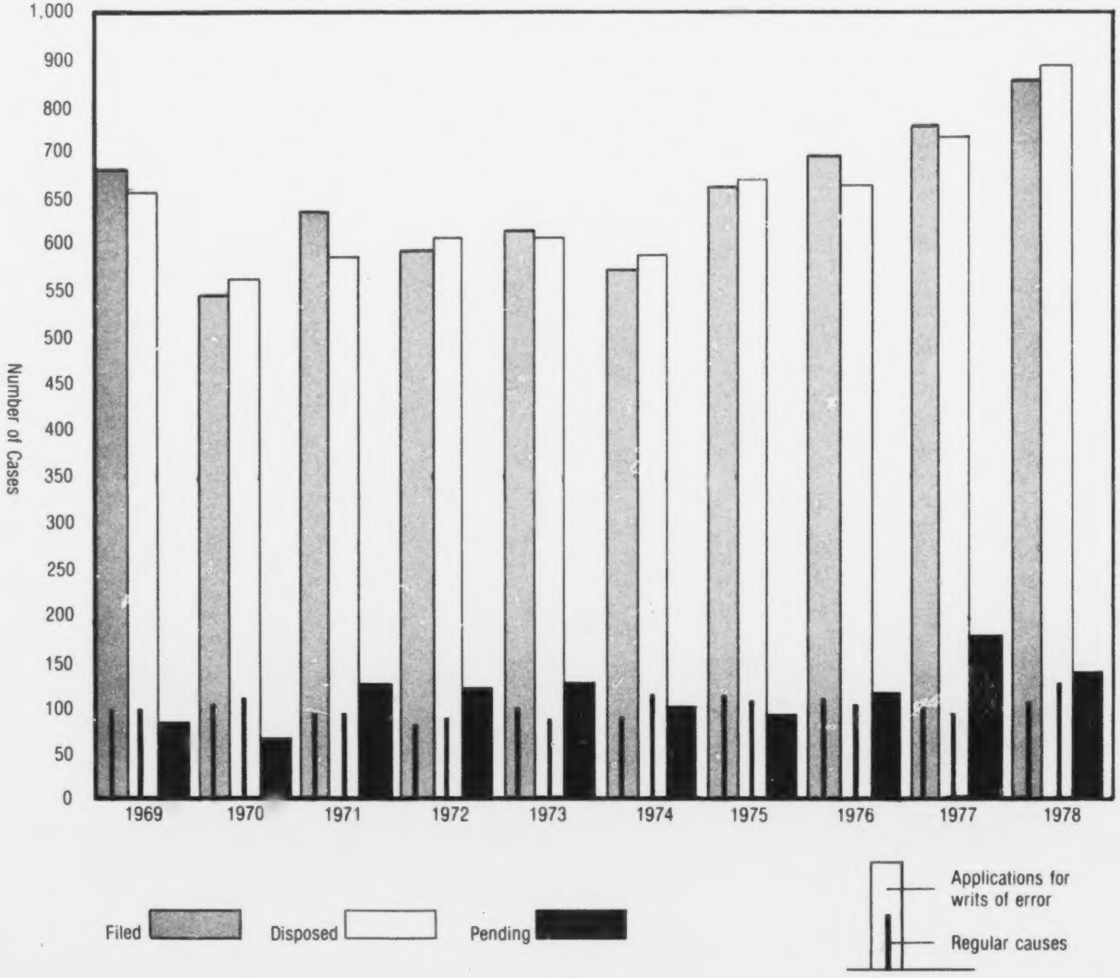
Texas Supreme Court: 1978

Activity	1978
Total Cases Passed on by the Court	1,231
Total Number of Motions Passed on by the Court	449
Total Number of Cases Pending at Close of Term	208

Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

FIGURE IV-27

Texas Supreme Court Cases Filed, Disposed and Pending: 1969-1978



Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report*, Calendar Year 1978.

FIGURE IV-28

Texas Courts of Civil Appeals Cases Filed, Disposed and Pending: 1978

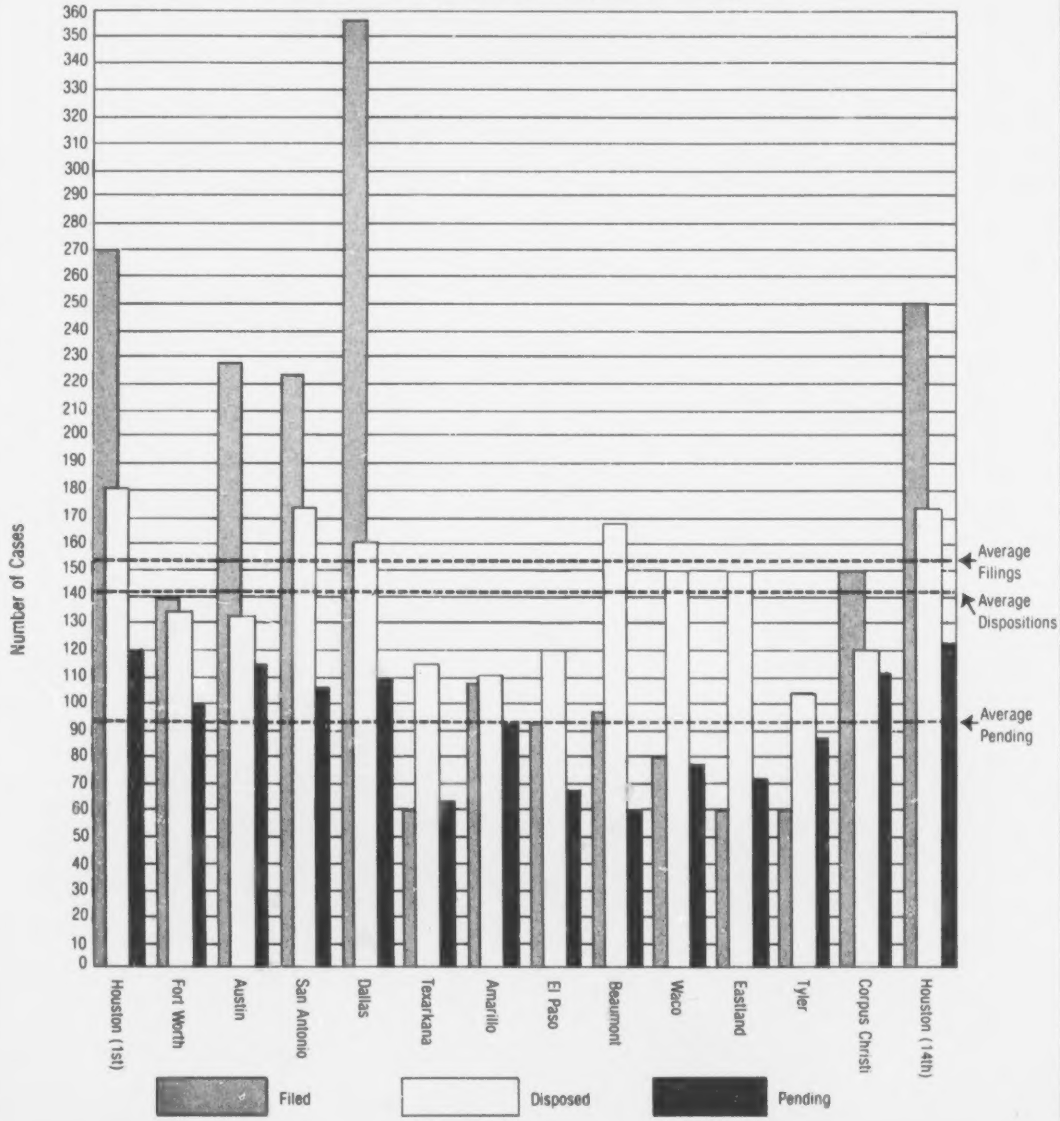


TABLE IV-92

Texas Courts of Civil Appeals: 1978

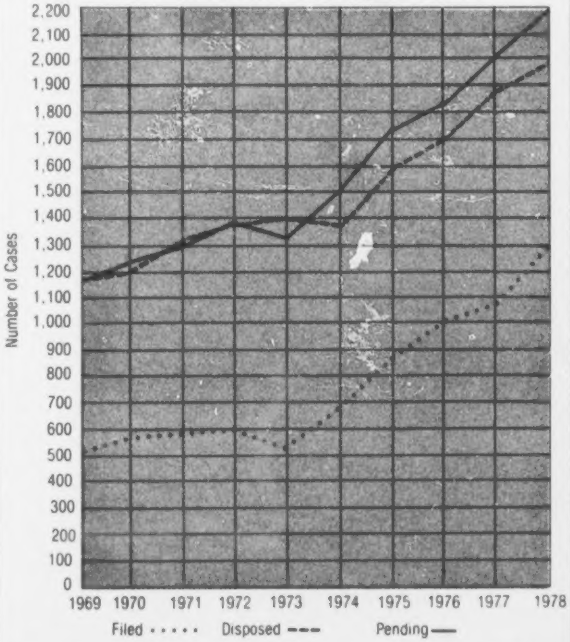
	1978
Number of Courts	14
Number of Appellate Justices	51
Number of Cases	
Pending as of January 1, 1978	1,080
New Cases Filed in 1978	2,172
Rehearings Granted	39
Disposed in 1978	1,987
Pending as of December 31, 1978	1,304
Average Time Between Date of Filing and Disposition	6 months
Average Time Between Date of Submission and Disposition	1¾ months

Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

FIGURE IV-29

Texas Courts of Civil Appeals

Cases Filed, Disposed and Pending: 1969-1978



Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

TABLE IV-93

Texas District Court Activity Total of 1978 Reported Activity[1]

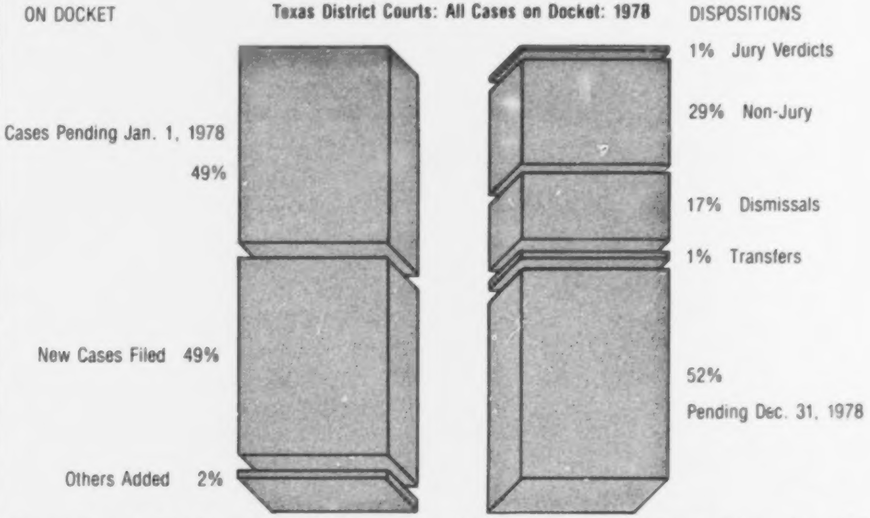
Activity	Totals	Averages Per Judge[2]
Cases on Docket		
Pending January 1, 1978	377,655	1,238
New Cases Filed	370,382	1,214
Other Cases Reaching Docket	11,619	38
Total Cases on Docket	759,656	2,491
Dispositions		
Non-jury Trials	190,128	623
Jury Trials	6,443	21
Directed Verdicts	664	2
Dismissals	119,989	393
Transferred—Change of Venue	2,624	9
Removed to Federal Court (Civil)	270	1
Transferred to County Court (Criminal)	1,262	4
Default Judgments (Civil)	14,380	47
Agreed Judgments (Civil)	20,060	66
Complete Summary Judgments (Civil)	1,838	6
Other	7,966	26
Total Dispositions	365,624	1,199
Pending December 31, 1978	394,032	1,292

[1] Includes 2,988 reports out of a possible 3,048 (98%).
[2] Averages based on 305 judges.

Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

FIGURE V-30

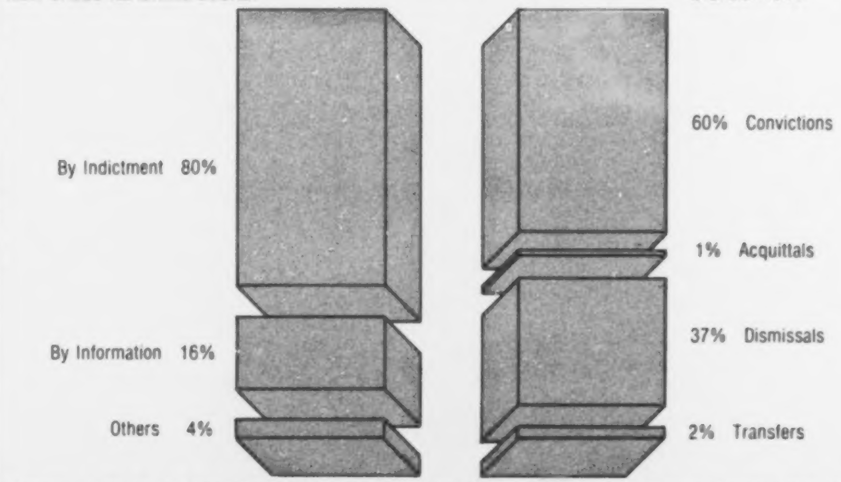
Texas District Courts: All Cases on Docket: 1978



Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

FIGURE IV-31

Texas District Courts Criminal Cases: 1978



Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

TABLE IV-94

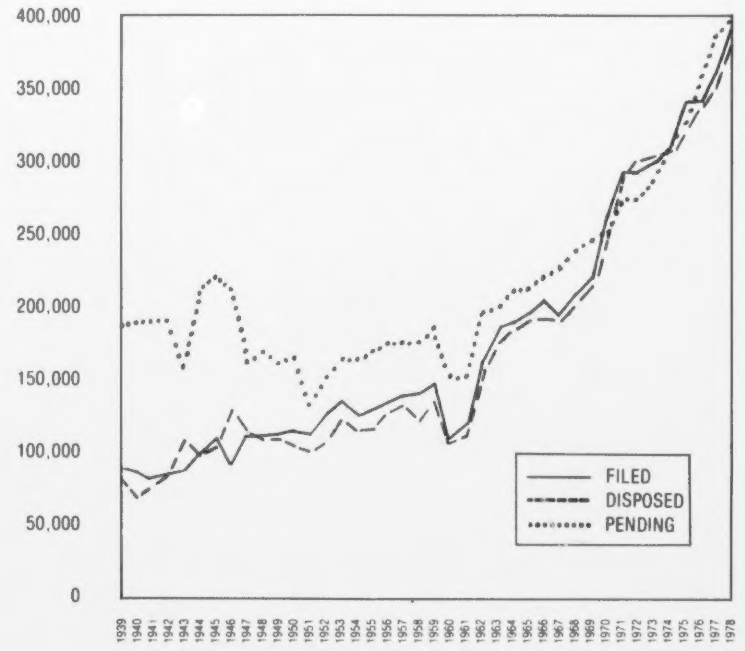
Texas District Court Activity

Five Year Comparison of Reported Activity by Case-Type

Cases Filed	1974	1975	1976	1977	1978	Five-year Average	Comparison 1978 to Average
Criminal							
Arson	234	241	264	304	344	277	+19.5%
Attempt to Murder	1,086	1,038	1,044	1,200	1,208	1,115	+ 7.7
Burglary	12,428	15,410	14,454	14,780	14,309	14,276	+ 0.2
Felony D.W.I.	4,097	3,894	3,869	4,196	5,418	4,295	+20.7
Fail to Stop & R.A.	158	164	187	196	228	187	+18.0
Forgery	3,065	3,469	3,317	3,637	3,643	3,426	+ 6.0
Murder	1,422	1,556	1,403	1,479	1,749	1,522	+13.0
Rape	879	1,056	1,006	1,124	1,223	1,058	+13.5
Robbery	4,438	4,801	3,921	4,371	4,497	4,406	+ 2.0
Theft	8,694	9,828	10,348	11,543	11,260	10,335	+ 8.2
Auto Theft	2,144	2,546	2,784	3,586	2,908	2,794	+ 3.9
Pos. Marijuana	2,797	2,998	3,307	3,930	3,849	3,376	+12.3
Del. Marijuana	1,168	1,579	976	1,237	1,529	1,298	+15.1
Other Drugs	4,650	5,558	5,308	4,592	5,362	5,094	+ 5.0
Misd.	6,954	6,638	5,601	5,074	5,943	6,042	- 1.7
Other Crim.	11,757	10,888	9,480	10,590	12,270	10,997	+10.4
Subtotal	65,971	71,664	67,269	71,839	75,740	70,497	+ 6.9
Civil							
Personal Injury	15,706	16,762	16,920	16,887	16,293	16,514	- 1.4%
Workers Comp.	4,809	6,239	7,567	7,823	8,406	6,969	+17.1
Tax	18,813	20,293	22,567	20,068	18,892	20,127	- 6.5
Annulment	1,726	1,677	1,651	1,582	1,576	1,642	- 4.2
Divorce	105,200	114,249	116,934	122,325	127,580	117,258	+ 8.1
Other Civil	69,037	77,909	78,328	85,597	91,506	80,475	+12.1
Non-Adversary	17,732	18,710	17,844	20,476	20,104	18,973	+ 5.6
Subtotal	233,023	255,839	261,811	274,758	284,357	261,958	+ 7.9
Juvenile	9,972	10,642	9,302	9,445	10,285	9,929	+ 3.5
Other Proceedings	11,882	11,428	12,155	11,348	12,491	11,861	+ 5.0
TOTAL	320,848	349,573	350,537	367,390	382,873	354,244	+ 7.5

FIGURE IV-32

Texas District Courts Cases: 1939-1978



Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

TABLE IV-95

Texas District Court Conviction and Commitment

Statistics: 1970-1979

	1970	1975	1976	1977	1978	1979[1]	Percent Change 1970-1979	Percent Change 1975-1979
Total Case Convictions	28,701	51,034	49,001	51,169	57,937	60,109	+109.4%	+17.8%
Total Case Commitments to TDC	N/A	13,075	14,267	14,828	15,211	17,238	N/A	+31.8
Total Persons Committed to TDC	N/A	5,303	7,829	9,299	11,195	10,095	N/A	+90.4
Total Years of Prison Time Assessed (All Convictions Except Life Sentences)	N/A	161,608	171,085	188,140	202,665	212,581	N/A	+31.5
Total Life Sentences Assessed	N/A	296	872	584	420	1,774	N/A	+499.3
Total Probation Revocations Granted by Courts	N/A	3,495	3,781	3,943	4,532	5,224	N/A	+49.5
TDC Commitments per 100 Case Convictions	N/A	25.6	29.1	28.9	26.3	28.7	N/A	+12.1
Average Sentence Years Assessed Per Conviction	N/A	3.2	3.5	3.7	3.5	3.5	N/A	+ 9.4
Life Sentences Per 100 TDC Commitments	N/A	2.3	2.6	3.9	2.8	10.3	N/A	347.8

[1] 1979 estimates for 12 months were based on 10 months of actual reported data.

Source: Texas Judicial Council — Office of Court Administration. *District Court Reports.*

TABLE IV-96

Texas County Court Activity

Total of 1978 Reported Activity[1]

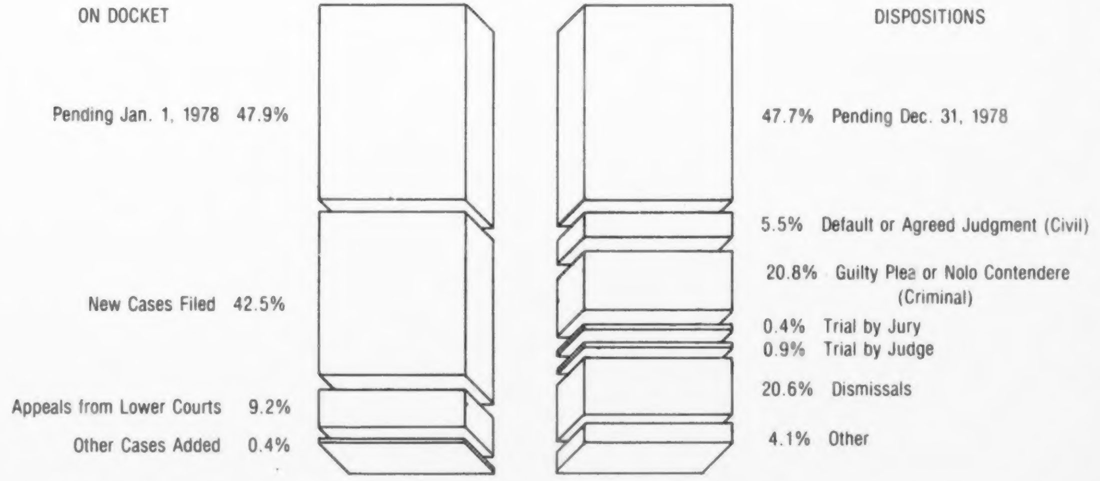
	Civil, Criminal, Juvenile
Cases Pending January 1, 1978	349,218
Types of Cases Added	
New Cases Filed	310,398
Appeals from Lower Court	66,745
Change of Venue	292
Other Cases Added	2,852
Total Cases Added	380,287
Total Cases on Docket	729,505
Dispositions	
Non-jury Trial	6,587
Jury Trial	2,960
Default or Agreed Judgment (Civil)	40,260
Guilty Plea or Nolo Contendere (Criminal)	151,297
Juvenile Determinations Made	673
Dismissed	149,877
Other	29,830
Total Dispositions	381,484
Cases Pending December 31, 1978	348,021
Probate	
Total Probate Cases Filed	57,574

[1] 2,943 reports out of a possible 3,048 (97%).

Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

FIGURE IV-33

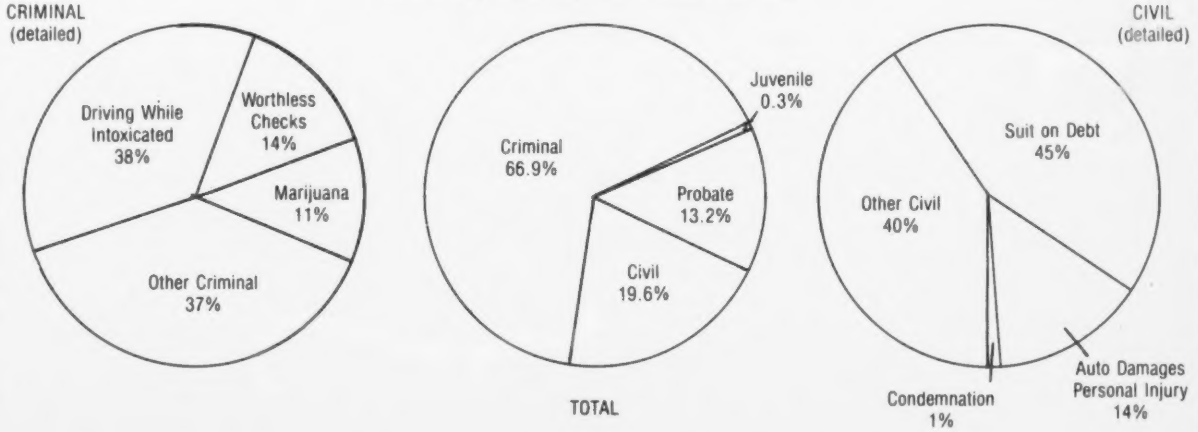
Texas County Courts Civil and Criminal Cases on Docket: 1978



Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

FIGURE IV-34

Texas County Courts Categories of Cases Filed: 1978



Source: Texas Judicial Council and Office of Court Administration, *Fiftieth Annual Report, Calendar Year 1978.*

HUMAN SERVICES

Education

Elementary and secondary education
Vocational education
Higher education

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE IV-97

Texas Public Education Revenues by Source: 1974-1978

(in thousands)

	1974-75	1975-76	1976-77	1977-78
FEDERAL				
School Lunch and Milk	$103,186	$118,096	$131,449	$145,999
Vocational Education[1]	37,700	32,435	5,114	11,907
Maintenance and Operation	36,797	33,577	44,181	33,598
Plant Construction	3,097	1,500	3,018	2,295
National Defense Education Act	2,264	845	406	40
Elementary and Secondary Education Act	153,932	160,865	178,991	203,547
Civil Defense	67	75	10	0
Adult Education	3,809	3,281	3,449	4,963
Veterans Education	512	615	521	503
Manpower Development (includes Area Development)	2,639	2,148	(4)	0
Civil Rights	237	482	224	243
Education Professions Development Act	920	723	548	327
Work Incentive	0	0	0	0
Driver Education	0	1,000	0	0
Comprehensive Employment Training Act	0	0	4,399	4,972
Emergency School Assistance Act	20,877	22,566	22,889	22,511
Other Federal Resources	16,838	18,703	26,925	28,749
Total Federal	$382,868	$396,911	$422,120	$459,654
STATE				
Available School Fund	$471,984	$485,958	$582,528	$611,821
Foundation School Fund	803,791	1,101,530	470,436	340,601
General Revenue	0	0	584,171	1,105,301
Textbook Fund	23,019	38,678	13,805	39,254
Vocational Education	50,807	63,126	5,546	1,303
Adult Education	2,563	5,300	6,006	6,307
Teacher Retirement	120,937	143,407	159,433	219,102
Driver Education	882	2,000	288	277
Supplementary Salary Aid	0	0	0	0
School Lunch Program	4,045	6,152	6,780	9,841
Special Schools (Includes Regular Deaf Schools and Deaf/Blind)	5,404	9,239	7,831	11,814
Other State Funds	8,026	7,667	13,839	11,843
Agency Administration, State Funds	5,118	6,982	7,900	10,763
Total State	$1,496,700	$1,870,129	$1,858,563	$2,368,227
COUNTY	$ 8,120	$ 9,273	$ 10,215	$ 12,089
LOCAL				
Maintenance Tax	991,984	1,076,471	1,304,609	1,418,257
Tuition Fees from Patrons	10,314	10,152	11,109	12,093
Transportation Fees from Patrons	1,173	1,300	1,397	1,331
Other Revenues	70,663	99,973	99,522	112,172
Debt Service Tax	254,301	269,350	301,895	319,699
Total Local	$1,328,435	$1,457,246	$1,708,466	$1,863,552
TOTAL CURRENT REVENUE RECEIPTS	$3,216,123	$3,733,559	$3,999,364	$4,703,522

[1] Amounts shown for Vocational Education in 1976-1978 represent grants to secondary schools only and do not include grants to junior colleges or other post-secondary institutions.

Source: Texas Education Agency, *Biennial Reports*, 1974-1978.

TABLE IV-98

Texas Public Education Revenues by Source: 1956-1974

(in thousands)

	Actual 1956-57	Actual 1961-62	Actual 1966-67	Actual 1967-68	Actual 1968-69	Actual 1969-70	Actual 1970-71	Actual 1971-72	Estimate 1972-73	Estimate 1973-74
Federal										
School Lunch and Milk	$ 6,828	$ 8,480	$ 8,853	$ 12,062	$ 14,186	$ 19,558	$ 37,675	$ 57,202	$ 70,343	$ 69,072
Vocational Education	1,878	1,970	16,004	21,489	17,617	22,400	25,281	30,903	28,383	28,383
Maintenance and Operation	8,046	13,731	24,046	25,838	27,507	32,326	29,526	36,899	36,899	36,899
Plant Construction	4,943	2,218	1,787	1,638	1,148	2,461	1,257	1,500	1,500	1,500
National Defense Education Act	-0-	869	6,825	6,048	8,603	3,584	2,962	2,806	3,258	3,148
E.S.E.A., 1965 (I,II,III,IV,V & VI)	-0-	-0-	74,472	74,415	93,207	89,589	94,440	101,283	105,397	107,363
Civil Defense	-0-	274	84	150	110	77	48	65	75	75
Adult Education	-0-	-0-	6,444	4,371	3,240	3,818	3,869	3,668	3,205	3,205
Veterans Education	-0-	-0-	-0-	90	143	214	293	343	477	471
Manpower Development	-0-	-0-	2,484	3,120	3,594	3,503	4,534	5,391	6,036	6,036
Area Redevelopment	-0-	17	109	112	126	100	139	337	204	79
Civil Rights (Title IV, Technical Aid)	-0-	-0-	-0-	-0-	31	40	40	117	100	184
Educational Professional Development Act	-0-	-0-	-0-	-0-	629	890	3,609	1,657	1,806	1,498
Work Incentive	-0-	-0-	-0-	-0-	-0-	177	512	785	821	1,086
Handicapped Training	-0-	-0-	302	151	168	113	293	135	2,411	2,544
Forest Reserve (Land)	[1]	248	344	356	313	352	491	[1]	[1]	[1]
Head Start Project	-0-	-0-	6,081	7,496	6,668	4,883	5,023	[2]	[2]	[2]
National Youth Corps	-0-	-0-	2,965	2,853	2,924	2,710	2,831	[2]	[2]	[2]
Driver Education	-0-	-0-	-0-	288	462	1,000	3,393	465	2,643	-0-
Emergency School Assistance Program	-0-	-0-	-0-	-0-	-0-	-0-	8,027	6,605	6,605	6,605
Other Federal Resources	-0-	727	2,611	2,385	2,571	8,895	13,844	26,869	26,869	26,869
TOTAL FEDERAL	21,695	28,534	153,411	162,862	183,247	196,690	238,087	277,030	297,032	295,017
State										
Available School Fund	151,132	190,648	220,134	234,943	273,322	280,905	290,051	319,144	336,288	362,709
Textbook Fund	7,483	7,862	16,983	14,386	17,422	16,436	18,392	24,265	30,704	26,120
Foundation School Fund	99,542	220,876	315,725	364,001	337,895	409,992	599,682	628,458	662,075	712,340
Vocational Education	1,329	1,112	1,615	2,473	5,007	9,468	11,107	11,446	22,516	36,220
Adult Education	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	2,050
Teacher Retirement[3]	21,916	35,763	52,807	60,055	63,402	71,522	83,904	90,737	97,269	105,333
Driver Education	-0-	-0-	-0-	1,865	1,865	1,902	1,676	2,773	776	3,145
Supplemental Salary Aid	-0-	-0-	2,330	3,788	4,256	4,438	4,638	5,054	5,097	5,587
School Lunch Program	-0-	-0-	-0-	-0-	-0-	-0-	-0-	1,481	1,800	3,888
Special Schools (includes Regular Deaf Schools and Deaf and Blind)	1,122	1,452	2,463	2,983	3,008	3,942	4,310	7,454	4,056	6,629
Agency Administration, State Funds	[4]	[4]	[4]	[4]	[4]	[4]	[4]	3,475	3,721	3,618
TOTAL STATE	282,524	457,713	612,057	684,494	706,177	798,605	1,013,580	1,094,287	1,164,302	1,267,639
County TOTAL										
County Available & County Equalization	1,640	1,788	2,204	2,261	2,264	2,392	2,587	3,264	3,351	3,577
Local										
Maintenance Tax	183,488	280,048	397,059	455,140	504,561	572,269	644,548	696,958	758,600	819,600
Tuition, Fees from patrons	2,411	3,139	5,935	5,887	6,855	7,973	7,622	8,008	8,715	9,192
Transportation Fees, Patrons	(Incl. above)	118	255	323	381	442	447	776	935	1,137
Other Revenues (Gifts, Rentals, etc.)	7,696	9,487	20,759	25,146	30,268	33,589	40,689	44,698	49,489	54,336
Debt Service Tax	54,273	84,313	119,232	130,332	140,292	152,927	167,982	187,986	202,333	221,223
TOTAL LOCAL	247,868	377,105	543,240	616,828	682,357	767,200	861,288	938,426	1,020,076	1,105,488
TOTAL CURRENT REVENUE RECEIPTS	553,727	865,140	1,310,912	1,466,445	1,574,045	1,764,887	2,115,542	2,313,007	2,484,761	2,671,721
Non-Current Revenue Building Fund (Sale of Bonds)	56,744	111,567	183,482	210,751	188,393	146,552	243,254	290,151	250,000	250,000
Loans	(Incl. above)	3,604	6,231	6,894	8,959	9,292	12,960	12,754	13,000	13,000
Sale of Property and Insurance Adj.	(Incl. above)	1,963	3,441	7,017	5,680	8,210	5,675	(Incl. above)	(Incl. above)	(Incl. above)
TOTAL NON-CURRENT REVENUE RECEIPTS	56,744	117,134	193,154	224,662	203,032	164,054	261,889	302,905	263,000	263,000
GRAND TOTAL RECEIPTS	$610,471	$982,274	$1,504,066	$1,691,107	$1,777,077	$1,928,941	$2,377,431	$2,615,912	$2,747,761	$2,934,721

[1] Beginning with school year 1971-72, this revenue item was no longer identified separately on the audit report and was aggregated with the "Maintenance and Operation" category.

[2] Beginning with school year 1971-72, this revenue item was no longer identified separately on the audit report and was aggregated with other revenue items in the "Other Federal Resources" category.

[3] Teacher Retirement — Because contributions to the Teacher Retirement System are made by all public education employees, including those employed by institutions of higher education, the portion attributable to contributions by public elementary and secondary education employees has been estimated on the basis of such employees' salaries.

[4] State funds for TEA administration are included in specific funding sources prior to the 1971-72 school year.

Data Deficiencies

- The following items are not included in the revenue data: revenues received directly from the federal government by Regional Service Centers; revenues derived from county taxes for the support of county administration; and private donations to the Texas Education Agency.
- Revenues distributed to institutions of higher education (junior colleges, senior colleges and the Texas State Technical Institute) have not been deleted from total revenue accounts. For example, in school year 1971-72, the Texas Education Agency distributed $32,072,000 in federal and state funds to institutions of higher education for programs of vocational education.

Source: Texas Education Agency, *Estimates and Projections for Texas Public Schools*. Data for estimates include Texas Education Agency sources for funds distributed by the Agency and trend lines for other revenue items. Historical data as listed are derived from the "Annual Independent Audit" from school districts, the "Annual Report of Revenue Expenditures, and Fund Balances," as prepared by the Texas Education Agency, and certain unpublished tabulations of the Agency.

TABLE IV-99

Texas Public Education Expenditures by Level[1]: Selected Years
(in thousands)

	Actual 1956-57	Actual 1961-62	Actual 1966-67	Actual 1967-68	Actual 1968-69	Actual 1969-70	Actual 1970-71	Actual 1971-72	Estimate 1972-73	Estimate 1973-74	Estimate 1974-75
School Districts											
Administration	$ 22.796	$ 32.662	$ 48.963	$ 54.127	$ 57.933	$ 66.678	$ 75.016	$ 84.667	$ 93.267	$ 104.135	$ 116.271
Instruction	333.528	538.714	821.267	929.603	975.248	1.091.156	1.301.913	1.404.473	1.488.040	1.597.764	1.786.418
Attendance Services	1.334	1.512	3.084	3.374	3.573	4.013	4.729	5.864	6.639	7.515	8.508
Health Services	3.278	5.166	10.951	12.422	12.892	13.580	15.154	16.287	17.481	18.846	20.319
Pupil Transportation	15.362	19.010	19.177	20.616	22.112	25.594	27.882	33.508	37.354	41.640	46.419
Operation and Maintenance*	45.122	69.915	106.533	119.304	132.641	152.205	171.414	185.898	211.925	237.641	266.478
Fixed Charges	4.839	6.506	11.648	13.237	14.991	18.894	21.613	*	*	*	*
Total for Computing Per Pupil Cost	426.259	673,485	1,021,623	1.152.683	1.219.390	1.372.120	1.617.721	1.730.697	1,854,706	2.007.541	2.244.413
Food Services	3.735	978	5.622	5.990	6.392	6.946	6.028	4.850	4.759	4.668	4.576
Student Body Activities	**	5.499	7.448	8.360	9.142	11.805	11.091	15.444	17.689	20.260	23.205
Community Services	1.366	1.350	3.281	4.265	3.551	3.737	5.121	7.437	8.504	9.724	11.118
Total All Current Operational Expenses	431,360	681,312	1,037,974	1.171.298	1.238.475	1.394.608	1.639.961	1.758.428	1,885,658	2.042.193	2.283.312
Capital Outlay (Current Revenue)	143.269	20.414	42.784	42.696	44.053	45.835	59.524	66.965	73.537	80.753	88.678
Capital Outlay (Non-Current Revenue)	(Incl. above)	104.266	198.192	171.722	221.292	185.013	190.176	220.629	224.380	228.130	231.881
Debt Service (Interest Only)[2]	23.294	39.278	56.231	63.043	69.956	75.023	84.386	94.243	103.480	114.450	126.584
Total Funds Expended by School Districts	579,923	845,270	1,335,181	1,448,759	1.573.776	1.700.479	1.974.047	2.140.265	2,287,055	2.465.526	2.730.455
County											
County Administration (Includes County Unit Transportation)	3.401	3.799	3.804	3.831	3.891	4.024	4.264	4.840	4.994	5.172	5.272
Region											
Education Service Centers[3]	NA	NA	NA	5.774	11.252	13.296	17.992	21.369	24.687	25.000	25.000
State											
Textbooks	7.483	7.853	16.654	13.960	16.995	16.006	17.926	24.265	26.994	26.120	20.268
Texas Education Agency Administration	2.277	2.799	5.861	7.205	7.767	8.560	9.318	11.039	11.398	12.294	12.611
Teacher Retirement (Estimate)[4]	21.916	35.763	52.807	60.055	63.402	71.522	83.904	90.737	97.269	105.333	117.759
School Lunch Reimbursement	6.609	8.430	8.823	12.067	14.155	19.476	36.789	57.058	72.143	72.960	73.392
Special Schools	1.832	1.442	2.415	2.948	3.262	3.982	4.751	5.472	4.735	6.981	5.173
Total Funds Expended at State Level	40.117	56.287	86.560	96.235	105.581	119.546	152.688	188.571	212.539	223.688	229.203
GRAND TOTAL	$623.441	$905.356	$1.425.545	$1.554.599	$1.694.500	$1.837.345	$2.148.991	$2.355.045	$2.529.275	$2.719.386	$2.989.930

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*Due to changes in accounting reporting procedures, the "Maintenance of Plant" and "Fixed Charges" categories can no longer be separately identified starting with 1971-72.

**Instruction for 1956-57 includes $9.188.000 of Miscellaneous Other School Services.

[1] The Actual and Estimated Expenditures for the years 1966-67 through 1974-75 are based on common categories for the Bulletin 613 and Bulletin 679 Accounting Systems. The 1956-57 and 1961-62 District Expenditures are based on the Bulletin 613 Accounting System.

[2] Following practices established by the National Education Association, the U.S. Office of Education and others, only interest payments on school debt are shown. Total Debt Service Expenditures (including principal repayments) are shown below:

Year	Total Debt Service Expenditures	Year	Total Debt Service Expenditures
1956-57	$ 81.433.000	1970-71	$187.322.000
1961-62	87.895	1971-72	201.840.000
1966-67	127.994.000	1972-73 (Estimated)	222.212.000
1967-68	139.962.000	1973-74 (Estimated)	243.680.000
1968-69	154.101.000	1974-75 (Estimated)	267.222.000
1969-70	166.302.000		

[3] Expenditures by Regional Service Centers have been included on the basis of the establishment of these centers as independent operating units. These expenditures have been adjusted by the deduction of local school district contribution to the Regional Service Centers in order to prevent duplicate accounting of expenditures at both the school district and Regional Service Center levels. Local contributions are listed below for the appropriate years:

Year	Local School District Contributions to the Regional Service Centers
1967-68	$ 1.632.000
1968-69	3.233.000
1969-70	3.832.000
1970-71	8.032.000
1971-72	8.704.000
1972-73 (Estimated)	10.206.000
1973-74 (Estimated)	11.712.000
1974-75 (Estimated)	11.712.000

[4] Teacher Retirement — Because contributions to the Teacher Retirement System are made by all public education employees, including those employed by institutions of higher education, the portion attributable to contributions by public elementary and secondary employees has been estimated on the basis of such employers' salaries.

Source: Actual data were taken from the "Annual Independent Audit" and the "Annual Report of Revenue, Expenditures, and Fund Balances" prepared by the Texas Education Agency's Business Office. Estimates were made using trend line projections of the actual data and budgets of the Texas Education Agency.

TABLE IV-100

School District Local Revenues By Source

Local Source	1949-50	1959-60	1969-70
Local Maintenance Tax	$91,105,572	$239,186,702	$572,268,645
Debt Service Tax	24,936,201	73,273,590	152,926,741
Tuition Fees	1,359,025	1,911,596	7,973,404
Transportation Fees		249,405	442,195
Other[1]	3,595,188	9,397,102	33,588,525
TOTAL	$120,995,986	$324,018,395	$767,199,510

[1] Other includes items such as gifts, rentals, and interest on investments.

Source: Texas Education Agency, Office of Information Analysis.

TABLE IV-101

State Permanent School Fund Investments on August 31, 1978

Type of Security	Par Value	Book Value	Percentage of Investments (Book Value)	Current Rate of Return[1]
U.S. Treasury Bonds				
Marketable	$215,338,000.00	$ 212,934,989.70	11.71%	3.63%
Non-Marketable Series B	7,500,000.00	7,500,000.00	.41	2.75
Total Governments	222,838,000.00	220,434,989.70	12.12	3.60
Municipal Bonds				
School Districts	30,100.00	30,100.00	0.00	4.07
Corporate Securities[2]				
Bonds	889,001,400.00	886,170,226.18	48.74	7.76
Convertible Bonds	1,000,000.00	1,000,000.00	.06	6.50
Short-Term Notes	11,000,000.00	11,000,000.00	.60	7.75
Common Stock		699,763,681.87	38.48	5.84
Total Corporate Securities		1,597,993,908.05	87.88	6.92
TOTAL INVESTMENTS		$1,818,398,997.75	100.00%	6.52%

[1] Based on full year's interest return on bonds and current dividend rates for stocks.
[2] 2,692,856.50 Common Stocks in transit; $11,969,560.00 (Book Value) Corporate Bonds in transit.

Source: Texas Education Agency, *Biennial Report*, 1976-78.

TABLE IV-102

Cost of the Foundation School Program by Expenditure Type

Texas 1949-1979

(in thousands)

Year	Foundation (Minimum) Salaries of FSP Personnel	Maintenance and Operation	Transportation	Other	Total
1949-50	$ 154,953	$ 17,052	$11,012	$ 0	$ 183,017
1950-51	166,077	17,686	11,315	0	195,078
1951-52	174,087	18,247	14,152	0	206,486
1952-53	183,160	18,853	15,118	0	217,131
1953-54	189,438	19,185	15,290	0	223,913
1954-55	226,636	20,636	15,232	0	262,504
1955-56	241,387	21,850	15,401	0	278,638
1956-57	252,266	22,801	15,701	0	290,768
1957-58	295,767	24,081	16,268	0	336,116
1958-59	307,785	25,359	16,200	0	349,344
1959-60	322,717	26,173	16,500	625	366,015
1960-61	335,677	26,761	16,530	316	379,284
1961-62	424,505	46,502	19,850	2,549	493,406
1962-63	445,883	47,366	21,023	2,315	516,587
1963-64	482,174	50,842	19,914	2,633	555,563
1964-65	504,096	52,606	19,968	2,987	579,657
1965-66	570,451	54,096	19,359	3,611	647,517
1966-67	582,404	55,564	19,344	3,834	661,146
1967-68	656,426	56,861	19,413	6,706	739,406
1968-69	671,247	58,093	19,538	7,788	756,666
1969-70	765,839	59,105	19,817	8,653	853,414
1970-71	955,685	75,267	24,040	26,123	1,081,115
1971-72	1,021,344	77,592	24,990	30,516	1,154,442
1972-73	1,079,979	79,423	25,664	39,713	1,224,779
1973-74	1,148,468	81,984	30,500	40,003	1,300,955
1974-75	1,300,381	83,610	32,097	45,861	1,461,949
1975-76	1,616,624	231,772	53,324	141,350	2,043,070
1976-77	1,656,550	246,073	56,833	153,244	2,112,700
1977-78	1,844,570	286,479	62,837	233,539	2,427,425
1978-79	$1,917,636	$301,150	$66,705	$235,191	$2,520,682

Source: Texas Education Agency, Division of State Funding Estimates of FSP and State Board of Education Agendas.

TABLE IV-103

Cost of the Minimum Foundation Program: State and Local Funds

With Number of Professional Personnel[1]: Texas 1949-1979

Year	Total Number Professional Personnel	Total State Funds	% State	Total Local Funds	% Local	Total Funds
1949-50	50,955	$ 141,023,212	77.05%	$41,993,969	22.95%	$183,017,181
1950-51	52,952	152,298,832	78.07	42,778,868	21.93	195,077,700
1951-52	55,813	163,815,988	79.34	42,670,028	20.66	206,486,016
1952-53	58,122	175,002,638	80.60	42,127,785	19.40	217,130,423
1953-54	59,470	182,006,302	81.28	41,906,678	18.72	223,912,980
1954-55	63,211	219,886,112	83.77	42,602,105	16.23	262,488,217
1955-56	66,977	236,319,659	84.81	42,318,657	15.19	278,638,316
1956-57	70,385	244,900,798	84.23	45,866,720	15.77	290,767,518
1957-58	73,199	279,800,094	83.25	56,316,014	16.75	336,116,108
1958-59	75,498	294,702,268	84.36	54,641,985	15.64	349,344,253
1959-60	79,999	308,324,000	84.31	57,386,229	15.69	365,710,229
1960-61	91,553	318,010,781	83.84	61,273,956	16.16	379,284,737
1961-62	95,372	403,512,890	81.78	89,893,166	18.22	493,406,056
1962-63	99,587	422,833,303	81.85	93,753,773	18.15	516,587,076
1963-64	104,000	457,362,162	82.32	98,200,452	17.68	555,562,614
1964-65	108,858	474,609,404	81.88	105,047,286	18.12	579,656,690
1965-66	114,709	523,076,738	80.78	124,439,796	19.22	647,516,534
1966-67	118,045	531,430,735	80.38	129,715,618	19.62	661,146,353
1967-68	123,502	588,691,349	79.78	149,241,361	20.22	737,932,710
1968-69	128,287	608,239,858	80.38	148,426,572	19.62	756,666,430
1969-70	131,836	687,953,276	80.59	165,642,917	19.41	853,596,193
1970-71	143,400	889,875,642	82.31	191,239,370	17.69	1,081,115,012
1971-72	153,472	944,717,715	81.83	209,724,273	18.17	1,154,441,988
1972-73	160,470	976,160,290	80.45	236,913,587	19.55	1,213,073,877
1973-74	167,870	1,060,273,000	81.50	250,687,000	18.50	1,300,955,000
1974-75	175,123	1,202,457,000	82.25	259,492,000	17.75	1,461,949,000
1975-76	200,799	1,633,640,000	79.96	409,430,000	20.04	2,043,070,000
1976-77	207,213	1,623,472,000	76.84	489,228,000	23.16	2,112,700,000
1977-78	215,213	2,070,971,000	85.32	356,454,000	14.68	2,427,425,000
1978-79	222,276	2,163,952,000	85.85	356,730,000	14.15	2,520,682,000

[1] Teacher Aides included since 1970-71.

Source: Texas Education Agency, Division of State Funding, Estimates of FSP and State Board of Education Agendas.

TABLE IV-104

Private Schools Accredited by the Texas Education Agency

	1970-71	1972-73	1974-75	1976-77	1978-79
Number of Campuses	530	510	776	381	432
Enrollment	128,907	127,009	126,350	122,514	122,854
Number of Faculty	7,518	8,278	8,339	N/A	N/A

Source: Texas Education Agency, *Texas School Directory*, Annual.

TABLE IV-106

Number of Public School Classroom Teachers
in Texas, Pupil/Teacher Ratios
and Average Salaries

School Year	Number of Classroom Teachers	Pupil Teacher Ratio	Average Teacher Salaries
1949-50	49,631	27:1	$ 3,040
1959-60	79,340	26:1	4,493
1969-70	101,506	27:1	7,225
1978-79	131,334	21:1	13,021

Source: Texas Education Agency, Office of Information Analysis.

TABLE IV-105

Number of Texas School Districts and Public School Campuses

	1949-50	1959-60	1969-70	1978-79
School Districts by Type:[1]				
Regular FSP Districts	2,587	1,539	1,187	1,059
Dormant	139 (est.)	21 (est.)	10	13
State Administered	11 (est.)	12 (est.)	16	22
Special Category	6 (est.)	9 (est.)	6	6
TOTAL	2,743	1,581	1,219	1,100
School Campuses:				
Elementary	N/A	3,280	3,283	3,276
Junior High	N/A	504	796	923
High School	N/A	1,379	1,209	1,225
TOTAL	N/A	5,663	5,285	5,424

[1] State Administered School Districts are created by legislative act and are funded and administered by a state government agency.
Special Public School Districts are created by special legislative act but not administered by a state government agency.

Source: Texas Education Agency.

TABLE IV-107

Participation in Special Education Programs in Texas

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
Visually Handicapped	630	966	853	1,083	1,344[1]	1,571[1]
Other Health Impaired	9,864	10,000	11,243	9,777	11,359	12,145
Minimally Brain Injured	15,108	13,493	11,915	12,536	14,009	13,969
Auditorially Handicapped	2,347	3,400	2,755	3,858	4,286	4,611
Mentally Retarded (Educable and Trainable)	56,276	57,396	49,792	48,106	45,219	42,040
Speech Handicapped	84,105	87,490	88,930	84,161	93,285	93,791
Language/Learning Disability	46,183	59,980	124,853	136,475	146,210	149,722
Pregnant Students	4,220	4,735	5,129	5,222	5,658	5,343
Emotionally Disturbed	8,321	9,209	9,981	10,557	11,772	12,681
Total Special Education Pupils Served	227,054	246,699	305,451	311,775	333,142	335,873
Contract Students	3,227	3,696	3,915	3,684	2,674	2,670
Program Contracting	215	234	223	208	182	194
Approved Nonpublic Schools	102	118	92	98	95	88

[1] Figures are from the Annual Special Education Statistical Reports. Registration of Visually Handicapped records reflects additional students receiving services: 1976-77—1,945; and 1977-78—2,420.

Source: Texas Education Agency, *Biennial Reports*, 1972-1978.

TABLE IV-108

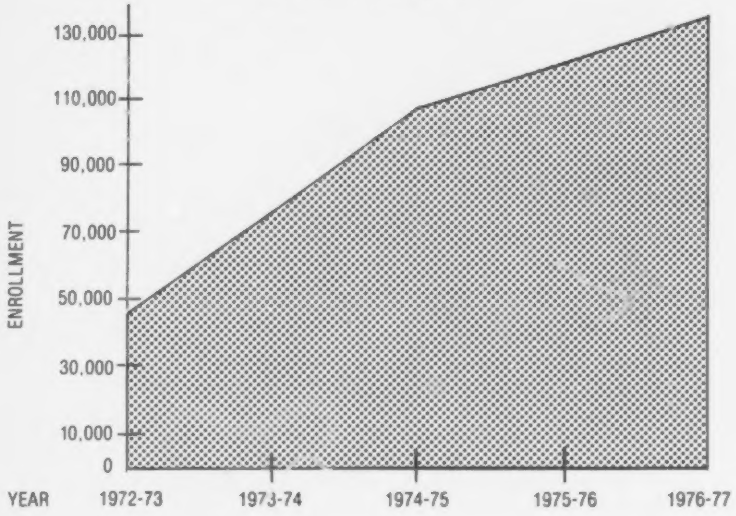
Enrollment In Texas Public Schools By Sex And Ethnicity

	Pre-K and K	Grades 1-8	Grades 9-12	Special Ed.	Ungraded	TOTAL
1949-50						
TOTAL	N/A	1,074,083	275,714	N/A	N/A	1,349,797
Male	N/A	556,552	137,829	N/A	N/A	694,381
Female	N/A	517,531	137,885	N/A	N/A	655,416
White	N/A	908,352	240,342	N/A	N/A	1,148,694
Black	N/A	165,731	35,372	N/A	N/A	201,103
1959-60						
TOTAL	N/A	1,579,803	453,606	12,667	N/A	2,046,076
Male	N/A	814,750	232,972	7,748	N/A	1,055,470
Female	N/A	765,053	220,634	4,919	N/A	990,606
White	N/A	1,360,555	396,408	10,162	N/A	1,767,125
Black	N/A	219,248	57,198	2,505	N/A	278,951
1970-71						
TOTAL	71,672	1,804,504	754,517	33,671	47,184	2,711,548
Male	N/A	N/A	N/A	N/A	N/A	N/A
Female	N/A	N/A	N/A	N/A	N/A	N/A
Anglo & other	27,727	1,124,317	526,304	22,770	21,781	1,722,899
Black	16,332	277,787	101,706	2,112	13,296	411,233
Spanish Surname	27,613	402,400	126,507	8,789	12,107	577,416
1979-80						
TOTAL	195,526	1,808,722	869,053	N/A	N/A	2,873,301
Male	100,985	931,797	448,298	N/A	N/A	1,481,080
Female	94,541	876,925	420,755	N/A	N/A	1,392,221
Anglo	101,611	1,031,789	544,127	N/A	N/A	1,677,527
Black	29,923	270,112	132,116	N/A	N/A	432,151
Spanish Surname	63,992	506,821	192,810	N/A	N/A	763,623

Source: Texas Education Agency.

FIGURE IV-35

Growth in Adult Basic Education Enrollments: Texas 1972-1977



Source: Texas Education Agency, *Biennial Reports*, 1973-1978.

TABLE IV-109

Total Private School Enrollment by Sex and Grade Level: Texas 1960 and 1970

	1960	1970
Total	201,752	218,904
Male	106,344	110,448
Female	95,408	108,456
Pre-Kindergarten	N/A	41,519
Kindergarten	19,027	61,514
Grades 1-8	110,165	84,307
Grades 9-12	24,202	31,564

Source: U.S. Bureau of the Census, U.S. Census of the Populations: 1960 and 1970. *Detailed Characteristics, Texas*. Final Report PC(1)-D45.

TABLE IV-110

Estimated Special Student Populations in Texas

	1973-74	1975-76	1977-78
Children of Limited English-Speaking Ability	240,000	185,000	187,500
Migrant Children	60,000	110,000	143,000
Educationally Disadvantaged Students	430,000	469,000	640,000
Gifted and Talented Students[1]	145,000	145,000	150,000

[1] Based on five percent of Texas' student population.

Source: Texas Education Agency, *Biennial Reports*, 1973-1978.

TABLE IV-111

Children[1] Receiving Special Education and Related Services in Texas: December 1, 1979

Major Handicapping Disabilities	Ages 3-5		Ages 6-17		Ages 18-21		TOTAL	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mentally Retarded	926	4.3%	21,094	9.4%	2,143	28.1%	24,163	9.6%
Hard of Hearing	31	0.1	275	0.1	18	0.2	324	0.1
Deaf	30	0.1	275	0.1	17	0.2	322	0.1
Speech Impaired	14,398	66.0	55,754	25.0	201	2.6	70,353	27.8
Visually Handicapped	175	0.8	998	0.5	46	0.6	1,219	0.5
Seriously Emotionally Disturbed	213	1.0	9,154	4.1	444	5.8	9,811	3.9
Orthopedically Impaired	401	1.8	1,902	0.8	106	1.4	2,409	0.9
Other Health Impaired	241	1.1	2,570	1.2	134	1.8	2,945	1.2
Specific Learning Disabled	3,297	15.1	116,030	51.9	3.974	52.1	123,301	48.8
Deaf-Blind	34	0.2	81	0.0	5	0.1	120	0.0
Multihandicapped	2,062	9.5	15,325	6.9	539	7.1	17,926	7.1
TOTAL	21,808	100.0%	223,458	100.0%	7,627	100.0%	252,893	100.0%

[1] Unduplicated count.

Source: Texas Education Agency, Report of Handicapped Children Receiving Special Education and Related Services.

TABLE IV-112

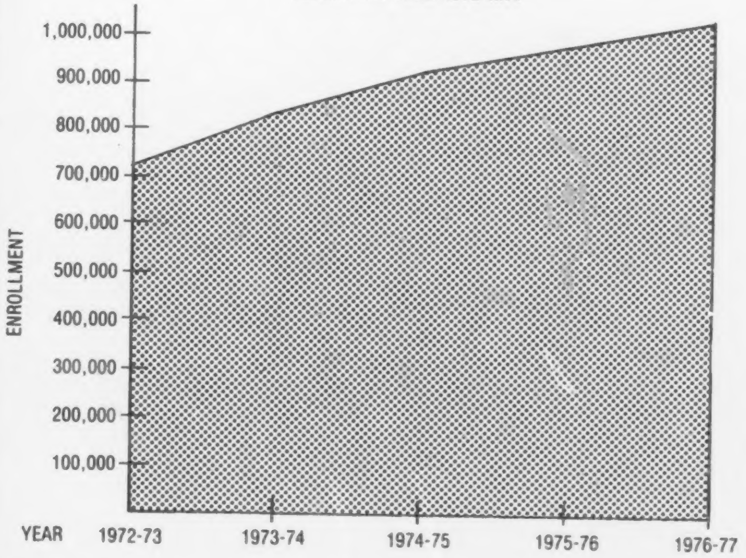
Student Transportation Programs: Texas 1972-78

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
Regular Transportation						
Pupils transported	636,635	681,946	700,814	711,310	715,417	718,927
Total daily miles	525,099	553,524	606,184	667,046	588,263	588,624
Cost per pupil	$42.12	$40.57	$40.35	$66.85	$65.46	$74.49
Total cost	$26,820,434.00	$27,670,777.00	$28,277,845.00	$47,551,074.00	$46,830,248.00	$53,549,912.00
Vocational Transportation						
Pupils trnsported	N/A	5,204	6,028	5,806	14,742	15,352
Total yearly miles	N/A	N/A	698,565	760,113	1,251,900	1,259,674
Cost per pupil	N/A	$47.65	N/A	N/A	$51.92	$54.16
Total cost	N/A	$247,993.00	N/A	N/A	$765,349.00	$831,391.00
Bilingual Education						
Pupils transported	N/A	N/A	417	553	751	733
Total yearly miles	N/A	N/A	66,988	74,679	99,036	98,131
Cost per pupil	N/A	N/A	N/A	N/A	$88.71	$99.06
Total cost	N/A	N/A	N/A	N/A	$66,624.00	$72,613.00
Special Education/ Handicapped Transportation						
Pupils transported	18,357	19,435	20,415	23,628	26,558	28,183
Cost per pupil	$152.39	$149.90	N/A	N/A	$216.19	$225.92
Total cost	$2,797,398.00	$2,913,340.00	N/A	N/A	$5,741,496.00	$6,367,012.00
Mid-day Kindergarten Transportation						
Pupils transported	N/A	N/A	N/A	N/A	9,974	10,411
Total daily miles	N/A	N/A	N/A	N/A	17,527	17,856
Cost per pupil	N/A	N/A	N/A	N/A	$69.96	$80.41
Total cost	N/A	N/A	N/A	N/A	$697,763.00	$837,143.00

Sources: Texas Education Agency, *Biennial Reports*, 1972-1974, 1974-1976, 1976-1978.

FIGURE IV-36

Growth in Vocational Education Enrollments: Texas 1972-1977



Source: Texas Education Agency, *Biennial Reports*, 1973-1978.

TABLE IV-113

Enrollment in Vocational Education Programs: Texas 1973-1978

	1973-74	1974-75	1976-77	1977-78
Secondary	412,733	460,064	538,480	566,411
Post-Secondary	71,302	93,481	123,632	133,453
Adult	336,108	358,891	347,893	346,846
TOTAL	820,143	912,236	1,010,005	1,046,710

Source: Texas Education Agency, *Biennial Reports*, 1973-1978.

TABLE IV-114

Estimated Federal Funds for Vocational Education Programs: Texas, 1972-1978

	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
Secondary	$8,261,224	$9,514,516	$9,102,191	$4,711,259	$2,158,430	$3,121,694
Post-Secondary	5,673,240	5,135,525	5,856,689	7,857,246	11,700,357	7,184,638
Adult Vocational Programs	1,884,021	2,362,370	3,225,389	2,474,772	971,642	1,914,224
Disadvantaged	5,288,564	3,632,728	5,475,826	7,381,465	4,928,209	4,070,901
Handicapped	2,429,447	2,298,014	2,932,961	2,700,409	3,480,483	2,581,849
Other[1]	9,951,104	9,232,500	5,749,496	4,986,208	7,230,042	14,830,783
Adult Basic Education	3,253,529	3,270,110	3,281,437	3,658,476	3,803,208	4,368,210
Comprehensive Employment and Training	5,601,548	5,062,181	4,050,790	3,941,088	4,442,868	4,499,998
Work Incentive	992,106	980,338	454,910	0	0	0
Civil Defense Education	175,000	194,988	71,000	75,000	0	0
TOTAL	$43,509,783	$41,683,270	$40,200,689	$37,785,923	$38,715,239	$42,572,297

[1] Includes research and exemplary projects, consumer and homemaking education, cooperative and work-study programs, teacher education, curriculum, and guidance and counseling.

Source: Texas Education Agency, *Biennial Reports*, 1972-1978.

TABLE IV-115

Legislative Appropriations for Higher Education By Function

Texas Public Senior Colleges and Universities:

Fiscal Years 1980 and 1981

Function	FY 1980 Amount of Appropriation	FY 1980 Distribution of Each $100	FY 1981 Amount of Appropriation	FY 1981 Distribution of Each $100
General Administration and Student Services	$ 50,507,363	$ 6.40	$ 52,581,446	$ 6.49
General Institutional Expense	10,805,157	1.37	11,298,304	1.39
Staff Benefits	15,780,849	2.00	17,968,313	2.22
Resident Instruction	(426,694,926)	(54.05)	(446,749,356)	(55.13)
Faculty Salaries	332,195,020	42.08	347,966,344	42.94
Departmental Operating Expense	72,810,233	9.22	76,280,313	9.41
Instructional Administration	17,418,955	2.21	18,307,383	2.26
Organized Activities	4,270,718	.54	4,195,316	.52
Vocational Teacher Training	613,214	.08	643,557	.08
Library	37,358,857	4.73	38,925,275	4.80
Organized Research	7,163,386	.91	7,163,386	.88
Extension and Public Service	2,696,595	.34	2,709,498	.34
Physical Plant Operation and Maintenance	(180,083,966)	(22.81)	(199,880,116)	(24.67)
Physical Plant General Services	13,453,778	1.71	13,546,699	1.67
Campus Security	8,619,274	1.09	9,053,595	1.12
Building Maintenance	26,349,433	3.34	26,647,598	3.29
Custodial Services	22,600,591	2.86	24,007,466	2.96
Grounds Maintenance	9,802,291	1.24	9,848,849	1.22
Utilities	99,258,599	12.57	116,775,909	14.41
Special Items	23,544,021	2.98	19,713,459	2.43
Major Repairs and Rehabilitations	34,152,559	4.33	12,683,354	1.57
TOTAL	$789,400,893	$100.00	$810,316,064	$100.00

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-116

Total Legislative Appropriations to Agencies of Higher Education:

Texas Fiscal Years 1980-1981

Agency	H.B. 558 FY 1980	Percent of Total	FY 1981	Percent of Total
Coordinating Board	$ 49,669,609	2.9%	$ 52,624,365	3.0%
Public Junior Colleges	239,630,022	14.2	252,348,140	14.4
Public Senior Colleges and Universities	789,400,893	46.6	810,316,064	46.2
Systems Offices	5,103,183	0.3	5,343,489	0.3
Health Related Units	419,304,206	24.8	438,180,979	25.0
Services of Texas A&M University System	86,975,920	5.1	89,575,479	5.1
All other Agencies	32,862,462	1.9	27,695,900	1.6
Available University Fund	71,510,000	4.2	76,235,000	4.4
GRAND TOTAL — all funds	$ 1,694,456,295	100.0%	$ 1,752,319,416	100.0%

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-117

Biennial Legislative Appropriations Per Full-Time Student Equivalent — All Funds

Texas Public Senior Colleges and Universities

Biennium	Appropriated	Number of FTE Students	Appropriated Per FTE Student	Percentage Increase in Appropriations Per FTE Student
1953-55 (18 Campuses)	$ 62,446,749	124,619	$ 501	
1955-57	80,276,695	154,527	519	3.59%
1957-59	103,648,933	163,505	634	22.16
1959-61	117,805,857	178,498	660	4.10
1961-63 (19 Campuses)	144,465,343	213,169	678	2.73
1963-65 (20 Campuses)	197,103,622	273,854	720	6.19
1965-67 (22 Campuses)	287,096,051	348,016	825	14.58
1967-69	403,832,265	405,634	996	20.73
1969-71 (23 Campuses)	513,901,105	457,946	1,122	12.65
1971-73 (25 Campuses)	609,375,522	484,751	1,257	12.03
1973-75 (31 Campuses)	757,418,042	507,328	1,493	18.77
1975-77 (35 Campuses)	1,120,028,498	563,783	1,987	33.09
1977-79 (36 Campuses)	1,367,002,714	574,372	2,380	19.78
1979-81 (37 Campuses)	1,596,006,966	583,000 (Est.)	2,738 (Est.)	15.04

Note: The above amounts include supplemental appropriations to the Texas Commission on Higher Education or Coordinating Board for allocation to the public senior colleges and universities.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-118

Summary of Sources of Funds for Research Expenditures

Texas Public Senior Colleges and Universities, Fiscal Year Ended August 31, 1979

	Public Sources			Private Sources			
Institution	State Appropriated	Institutionally Controlled	Federal Government	Profit	Non-Profit	Other	Total Funds
East Texas State University	$ 97,749	$ 121,442	$ 0	$ 0	$ 0	$ 0	$ 219,191
Lamar University	221,517	0	290,984	0	31,000	0	543,501
Midwestern State University	11,179	0	0	0	49,962	0	61,141
North Texas State University	603,031	245,950	1,859,167	201,972	397,162	0	3,307,282
Pan American University	11,858	7,517	339,155	17,900	0	0	376,430
Stephen F. Austin State University	225,826	2,180	375,369	48,120	77,056	0	728,551
Texas A&M University System						0	
Prairie View A&M University	27,464	0	1,107,593	0	71,938	0	1,206,995
Tarleton State University	9,250	0	0	2,539	3,942	0	15,731
Texas A&M University	22,545,680	4,465,031	27,816,034	3,874,490	2,745,476	1,610,933	63,057,644
Texas Eastern University	4,018	0	0	0	0	0	4,018
Texas Southern University	24,208	0	920,268	0	15,250	14,000	973,726
Texas State University System							
Angelo State University	130,366	0	5,386	576	14,778	0	151,106
Sam Houston State University	91,126	0	406,291	175,766	65,048	81,436	819,667
Southwest Texas State University	37,702	38,061	346,507	0	107,791	21,482	551,543
Sul Ross State University	16,527	0	33,916	12,466	0	0	62,909
Texas Tech University	2,944,536	1,003	4,381,059	1,508,182	373,585	452,059	9,660,424
Texas Woman's University	610,070	0	195,158	4,371	49,376	0	858,975
The University of Texas System							
The University of Texas at Arlington	153,962	0	517,812	112,208	303,861	96,159	1,184,002
The University of Texas at Austin	7,630,573	0	35,541,083	593,269	6,822,590	2,117,429	52,704,944
The University of Texas at Dallas	426,897	159,685	5,309,488	85,729	617,284	0	6,599,083
The University of Texas at El Paso	350.085	39,286	1,178,281	137,918	106,128	136,836	1,948,534
The University of Texas of the Permian Basin	0	2,930	19,395	0	14,653	0	36,978
The University of Texas at San Antonio	106,410	56,893	1,212,260	173,602	204,755	200,754	1,954,674
University of Houston System							
University of Houston Central Campus	1,038,123	162,012	5,765,064	438,262	1,117,908	936,213	9,457,582
University of Houston Downtown College	0	0	0	0	0	0	0
University of Houston at Clear Lake City	0	0	128,087	0	13,824	0	141,911
University of Houston Center at Victoria	0	0	0	0	0	0	0
University System of South Texas	0	0				0	
Corpus Christi State University	0	0	0	7,346	0	0	7,346
Laredo State University	0	0	0	0	0	0	0
Texas A&I University	43,346	0	21,533	105,072	263,544	0	433,495
West Texas State University	297,882	0	108,860	15,401	58,927	0	481,070
TOTAL	$37,659,385	$5,301,990	$87,878,750	$7,515,189	$13,525,838	$5,667,301	$157,548,453

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-119

Sources of Funds For Research

Texas Public Medical, Dental, and Allied Health Schools, Fiscal Year 1979

	Public Funds			Private Funds			
Institution	State Appropriated	Institutionally Controlled	Federal Government	Profit	Non-Profit	Other	Total Sources Of Funds
The University of Texas System							
Health Science Center at Dallas	$ 74,391	$ 0	$12,734,674	$1,148,811	$2,704,551	$ 0	$16,662,427
Medical Branch at Galveston	1,608,459	223,209	8,702,914	553,733	1,890,261	0	12,978,576
Health Science Center at Houston	690,460	785	6,126,347	280,631	866,797	0	7,965,020
Health Science Center at San Antonio	278,741	60,182	6,563,897	409,282	853,045	180,232	8,345,379
Cancer Center - Houston	11,751,659	0	19,459,443	0	0	3,752,033	34,963,135
Health Center at Tyler	499,300	0	0	0	155,655	0	654,955
Texas A&M University College of Medicine	18,500	0	320,875	10,175	127,592	64,107	541,249
Texas College of Osteopathic Medicine	53,061	9,697	73,139	1,985	139,510	0	277,392
Texas Tech University Health Science Center	311,185	0	1,310,096	132,892	177,400	0	1,931,573
TOTAL	$15,285,756	$ 293,873	$55,291,385	$2,537,509	$6,914,811	$3,996,372	$84,319,706

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-120

Research Expenditures

Texas Public Medical, Dental, and Allied Health Schools, Fiscal Year 1979

				Sciences			
Institution	Medical	Dental	Public Health	Biological	Bio-Medical	Other	Total Research Expenditures
The University of Texas System							
Health Science Center at Dallas	$16,662,427	$ 0	$ 0	$ 0	$ 0	$ 0	$16,662,427
Medical Branch at Galveston	10,313,883	0	0	0	2,664,693	0	12,978,576
Health Science Center at Houston	4,342,614	865,693	1,862,683	0	861,051	32,979	7,965,020
Health Science Center at San Antonio	8,219,943	125,436	0	0	0	0	8,345,379
Cancer Center - Houston	21,763,498	0	0	0	13,199,637	0	34,963,135
Health Center at Tyler	499,300	0	0	0	155,655	0	654,955
Texas A&M University College of Medicine	541,249	0	0	0	0	0	541,249
Texas College of Osteopathic Medicine	277,392	0	0	0	0	0	277,392
Texas Tech University Health Sciences Center	914,448	0	0	279,804	107,891	629,430	1,931,573
TOTAL	$63,534,754	$991,129	$1,862,683	$279,804	$16,988,927	$662,409	$84,319,706

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-121

Tuition Equalization Grants Program: Summary of Grants Administered

Fiscal Year Ended August 31, 1979

Number of Students	Number of Institutions	Type of Institution	Total Amount of Grants
549	6	Independent Junior Colleges	$ 293,681.21
18,427	38	Independent Senior Colleges and Universities	10,375,739.42
18,976	44	Average Grant ($562.26)	
		Total Legislative Appropriation to Fund Tuition Equalization Grants Program	$10,669,420.63

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979*

TABLE IV-122

State Student Incentive Grants Program, Summary of Grants Administered

Fiscal Year Ended August 31, 1979

Number of Students	Number of Institutions	Type of Institution	Total Amount of Grants
215	6	Independent Junior Colleges	$ 95,505.00
4,214	36	Independent Senior Colleges and Universities	2,209,699.00
4,429	42	Average Grant ($520.48)	
		Total Legislative Appropriation to Fund State Student Incentive Grants Program	$ 2,305.204.00
1,150	34	Public Junior Colleges	$ 445,924.82
4,012	32	Public Senior Colleges and Universities	1,833,253.06
5,162	66	Average Grant ($441.53)	
		Total Federal/Institutional Funds Available	$ 2,279,177.88

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-123

Hinson-Hazlewood College Student Loan Transactions:

All Participating Institutions, Fiscal Year Ended August 31, 1979

		Year to Date		History to Date		Average Loan		Number of	Average
Number of Institutions	Type of Institution	Amount	Number of Students	Amount	Number of Notes	Current Year	History to Date	Student Borrowers	Per Student
32	Public Senior Colleges and Universities	$ 5,538,146.00	5,892	$139,885,714.75	348,525	$513	$401	88,099	$1,588
38	Independent Senior Colleges and Universities	2,396,595.00	2,191	47,468,256.00	98,217	652	483	26,870	1,767
47	Public Junior Colleges	168,444.00	223	12,550,480.00	38,454	461	326	16,030	783
7	Independent Junior Colleges	20,882.00	17	1,010,075.00	1,952	870	517	779	1,297
15	Other Agencies	2,391,542.00	790	11,560,448.00	16,645	1,775	695	5,521	2,094
139	Total	$10,515,609.00	9,113	$212,474,973.75	503,793	$649	$422	137,299	$1,548

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-124

Hinson-Hazlewood College Student Loan Act

Institutional Status of Accounts with Payments Seriously Past Due

All Participating Institutions, Fiscal Year 1979

		Federally Insured Accounts				Non-Federally Insured Accounts			
		Accounts in Repayment		Default Claims Filed	90 Days and More Past Due	Accounts in Repayment		Suit Filed or Requested	90 Days and More Past Due
Number of Institutions	Type of Institution	Number	Amount	Percent	Percent	Number	Amount	Percent	Percent
32	Public Senior Colleges and Universities	40,551	$ 77,335,962	14%	14%	36,439	$ 56,009,768	22%	1%
38	Independent Senior Colleges and Universities	11,586	24,025,407	16	15	11,800	21,531,504	31	1
47	Public Junior Colleges	6,016	5,678,176	19	13	6,607	5,481,097	27	1
7	Independent Junior Colleges	320	545,993	13	12	336	418,119	28	0
13	Other Agencies	2,919	5,138,436	6	4	1,506	2,680,682	6	0
137	Total	61,392	$112,723,976	14%	14%	56,688	$ 86,124,172	24%	1%

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-125

Number of FTE[1] Faculty and Average Budgeted Salaries, by Rank and Institution: Texas Public Senior Colleges and Universities, Nine Months: 1978-79

Institution	Professors		Associate Professbrs		Assistant Professors		Instructors		Lecturers		Teaching Assist.		All Ranks	
	No. FTE Faculty	Average Salaries	No. FTE Faculty	Average Salaries	No. FTE Faculty	Average Salaries	No. FTE Faculty	Average Salaries	No.FTE Faculty	Average Salaries	No. FTE Faculty	Average Salaries	No. FTE Faculty	Average Salaries
East Texas State University	129.98	$24,328	88.62	$19,572	92.00	$16,388	54.60	$14,156	0	$ 0	105.14	$ 6,732	470.34	$16,764
East Texas State University Center at Texarkana	2.00	22,486	17.00	20,299	7.50	15,793	10.85	13,327	0	0	0	0	37.35	17,486
Lamar University	103.38	25,150	85.58	20,290	107.38	16,818	123.47	13,005	2.45	14,046	25.00	7,904	447.26	17,829
Lamar University at Orange	0	0	0	0	4.00	14,507	20.50	11,214	0	0	0	0	24.50	11,752
Lamar University at Port Arthur	0	0	0	0	2.00	11,874	23.55	11,776	0	0	0	0	25.55	11,784
Midwestern State University	32.76	23,725	30.64	20,517	62.98	16,022	25.69	11,720	0	0	18.50	6,400	170.57	16,617
North Texas State University	234.66	26,199	194.75	20,799	194.50	17,223	33.00	13,937	28.50	14,054	227.92	8,190	913.33	17,819
Pan American University	38.25	25,374	80.36	20,816	108.10	16,362	51.60	13,533	0	0	19.60	9,926	297.91	17,807
Pan American University at Brownsville	3.00	25,410	7.75	20,650	16.00	16,189	6.40	12,342	0	0	0	0	33.15	17,324
Stephen F. Austin State University	104.90	23,892	100.25	19,811	125.25	16,453	61.66	13,302	0	0	60.69	9,000	452.75	17,478
Texas A&M University System									0	0	0			
Moody College	1.90	21,988	9.73	18,531	18.08	14,480	4.94	10,998	5.92	11,398	3.50	7,211	44.07	14,316
Prairie View A&M University	27.03	20,514	49.15	17,125	83.88	15,154	82.77	12,869	0	0	6.00	9,343	248.83	15,226
Tarleton State University	32.00	20,078	20.67	17,159	55.66	14,870	21.57	11,961	1.75	9,060	2.82	8,555	134.47	15,787
Texas A&M University	375.26	27,570	363.87	20,898	464.64	16,657	78.82	12,329	126.64	12,805	491.00	8,500	1900.23	17,082
Texas Eastern University	17.00	22,889	28.67	18,305	26.50	15,556	3.00	14,172	12.20	8,000	0	0	87.37	16,782
Texas Southern University	73.02	24,590	63.22	20,365	161.79	16,778	102.74	12,871	0	0	2.50	10,984	403.27	17,723
Texas State University System														
Angelo State University	43.99	22,901	49.75	19,936	31.33	17,547	41.95	13,118	7.50	12,840	9.50	8,000	184.02	17,778
Sam Houston State University	104.50	23,353	99.58	20,639	110.50	18,250	44.57	14,029	0	0	44.00	6,986	403.15	18,466
Southwest Texas State University	87.00	24,177	122.00	20,468	168.11	16,710	123.33	12,852	0	0	101.43	8,901	601.87	16,445
Sul Ross State University	20.50	22,422	14.00	19,933	29.50	16,480	11.00	13,122	0	0	7.50	8,000	82.50	17,324
Uvalde Extension Center	.50	21,772	1.00	19,665	6.75	16,469	10.25	10,573	0	0	0	0	18.50	13,519
Texas Tech University	270.95	24,924	323.46	19,919	225.04	16,124	23.32	12,480	55.47	12,741	199.84	7,274	1098.08	17,554
Texas Woman's University	74.59	26,033	97.30	20,590	188.02	16,710	100.60	14,304	17.49	14,826	82.00	7,013	560.00	16,715
The University of Texas System														
The University of Texas at Arlington	141.48	25,072	201.90	19,704	220.00	16,155	41.24	12,108	30.45	12,180	127.48	6,500	762.55	16,757
The University of Texas at Austin	647.52	29,281	455.13	21,038	533.61	17,094	165.70	10,495	49.56	16,111	410.26	8,000	2261.78	19,222
The University of Texas at Dallas	43.83	29,150	48.50	21,557	99.30	16,827	14.81	12,658	14.49	10,000	55.00	8,409	275.93	17,556
The University of Texas at El Paso	113.38	25,099	112.63	21,420	178.85	17,168	31.61	14,104	57.06	10,976	81.82	8,000	575.35	17,477
The University of Texas of the Permian Basin	15.50	23,612	23.00	18,515	25.00	15,348	3.00	15,000	2.50	19,360	0	0	69.00	18,290
The University of Texas at San Antonio	35.65	24,382	56.25	19,441	130.50	15,430	15.00	13,643	11.50	14,111	18.50	11,001	267.40	17,004
University of Houston System														
University of Houston Central Campus	323.69	28,353	354.63	21,264	272.74	17,074	44.15	14,181	100.95	6,400	316.24	7,200	1412.40	17,647
University of Houston Downtown College	2.00	22,080	19.12	18,784	69.25	15,753	23.00	14,979	40.60	8,000	0	0	153.97	14,052
University of Houston at Clear Lake City	11.75	27,189	58.08	20,813	55.75	17,288	16.50	15,907	25.90	10,000	2.33	5,280	170.31	17,768
University of Houston Center at Victoria	4.50	22,863	12.00	18,741	10.00	15,119	1.00	13,194	11.00	7,836	.10	6,000	38.60	14,999
University System of South Texas														
Corpus Christi State University	11.50	25,196	44.50	19,331	28.00	15,831	8.00	12,729	11.25	10,179	0	0	103.25	17,526
Laredo State University	5.75	24,225	10.00	19,794	9.50	17,981	3.50	14,896	0	0	0	0	28.75	19,485
Texas A&I University	66.05	24,128	73.50	19,577	58.67	16,382	36.69	12,819	0	0	14.58	8,040	249.49	18,363
West Texas State University	49.10	23,327	61.12	19,666	91.00	16,251	52.89	12,737	0	0	24.63	7,025	278.74	16,764
Total	3428.87		3377.71		4071.68		517.27		613.18		2157.88		15286.59	
Weighted Average		$26,301		$20,414		$16,618		$12,856		$11,223		$ 7,862		$17,517

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[1] FTE = Full-time equivalent.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-126

Average Budgeted Faculty Salaries[1]: Texas Public Junior Colleges

Nine Months: 1978-1979

Institution	Highest Salaries	Lowest Salaries	Average Salaries
Alvin Community College	$21.267	$13.804	$18.054
Amarillo College	21.947	12.497	16.480
Angelina College	18.480	12.060	15.801
Austin Community College	18.482	12.204	14.602
Bee County College	17.941	10.185	15.445
Blinn College	18.240	14.047	16.472
Brazosport College	20.950	12.250	17.638
Central Texas College	27.050	15.300	18.860
Cisco Junior College	18.720	11.580	13.740
Clarendon College	14.260	10.600	13.014
College of the Mainland	20.084	12.932	17.302
Cooke County College	17.834	12.251	15.095
Dallas County Community College District	24.646	12.419	17.811
Del Mar College	23.050	13.810	18.423
El Paso Community College	20.605	11.538	14.755
Frank Phillips College	17.100	14.900	15.857
Galveston College	21.053	10.815	17.029
Grayson County College	18.350	14.300	16.777
Henderson County Junior College	17.030	11.010	14.287
Hill Junior College	16.604	10.666	12.879
Houston Community College	17.982	11.151	14.331
Howard College at Big Spring	18.700	12.000	15.457
Kilgore College	19.950	13.800	16.507
Laredo Junior College	19.810	11.710	15.943
Lee College	23.508	13.192	19.159
McLennan Community College	20.305	13.210	16.648
Midland College	20.232	13.201	15.116
Navarro College	27.180	13.864	18.498
North Harris County College	19.700	11.800	14.595
Odessa College	24.222	12.700	17.735
Panola Junior College	16.825	11.232	14.401
Paris Junior College	14.850	10.020	13.844
Ranger Junior College	14.544	11.540	12.764
San Antonio Junior College District	24.400	12.975	18.740
San Jacinto College	19.661	14.662	18.034
South Plains College	18.700	12.100	15.968
Southwest Texas Junior College	17.950	12.300	15.684
Tarrant County Junior College District	22.366	12.594	17.396
Temple Junior College	20.668	11.988	15.080
Texarkana Community College	20.861	12.586	15.384
Texas Southmost College	21.718	11.108	16.086
Tyler Junior College	22.987	10.596	16.064
Vernon Regional Junior College	16.668	11.779	13.780
Victoria College	22.301	14.200	18.196
Weatherford College	16.100	10.400	13.029
Western Texas College	17.676	10.662	14.666
Wharton County Junior College	22.862	10.700	17.375
State Weighted Average			$16.792

[1] Data include salaries of full-time faculty personnel in general academic courses only.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-127

Student-Faculty Ratios: Texas Public Senior Colleges and Universities

Fiscal Years 1975-1979

Institution	1974-75	1975-76	1976-77	1977-78	1978-79
East Texas State University	16.1	17.5	15.9	14.7	13.5
East Texas State University Center at Texarkana	15.0	12.0	12.1	16.8	13.3
Lamar University	23.2	22.8	20.3	19.9	19.1
Lamar University at Orange	29.6	32.8	19.0	20.2	20.6
Lamar University at Port Arthur	NA	24.6	25.7	22.9	21.4
Midwestern State University	19.0	20.9	20.4	19.6	18.7
North Texas State University	15.7	15.3	15.2	14.1	14.2
Pan American University	20.7	23.0	22.3	21.4	20.2
Pan American University at Brownsville	12.2	11.7	16.7	17.1	15.9
Stephen F. Austin State University	23.7	22.9	21.6	21.2	19.7
Texas A&M University System					
Moody College	NA	NA	NA	14.0	13.7
Prairie View A&M University	19.5	18.0	16.2	21.6	17.9
Tarleton State University	20.2	20.1	19.8	21.0	20.5
Texas A&M University	16.8	16.8	16.1	14.6	14.7
Texas Eastern University	14.3	10.9	10.3	13.0	12.6
Texas Southern University	19.9	20.2	23.9	19.8	18.6
Texas State University System					
Angelo State University	23.6	25.6	26.4	25.3	24.4
Sam Houston State University	23.7	22.4	23.1	23.0	23.5
Southwest Texas State University	22.9	22.4	22.3	22.6	21.5
Sul Ross State University	17.2	17.8	14.1	17.9	18.3
Uvalde Extension Center	12.6	11.8	9.2	12.9	12.9
Texas Tech University	18.7	18.1	18.1	17.7	17.8
Texas Woman's University	13.9	13.8	14.2	10.5	10.4
The University of Texas System					
The University of Texas at Arlington	20.4	19.5	18.8	17.6	18.1
The University of Texas at Austin	17.0	16.9	15.8	15.6	15.9
The University of Texas at Dallas	4.7[1]	6.8	9.5	10.1	10.2
The University of Texas at El Paso	20.6	24.3	24.3	23.7	20.5
The University of Texas of the Permian Basin	10.3	9.6	9.3	12.4	13.1
The University of Texas at San Antonio	7.6[1]	13.6[1]	17.3	20.1	22.2
University of Houston System					
University of Houston Central Campus	20.0	17.9	17.7	15.2	14.8
University of Houston Downtown College	NA	26.4	19.2	22.3	19.8
University of Houston at Clear Lake City	7.5[2]	9.9	11.2	15.0	15.0
University of Houston Center at Victoria	9.3	6.9	7.5	9.3	7.5
University System of South Texas					
Corpus Christi State University	12.9	13.8	12.0	13.0	14.0
Laredo State University	12.7	12.4	13.1	14.9	15.6
Texas A&I University	19.1	21.8	19.7	19.8	19.8
West Texas State University	19.3	19.4	18.4	18.8	18.5
All Institutions Combined	18.5	18.2	17.7	17.0	16.8

Note: The above data were computed. Each ratio represents fall semester full-time student equivalents divided by the number of full-time faculty equivalents budgeted for nine months as reported by the institutions. For purposes of these computations institutional fall semester totals of student credit hours divided by fifteen were used as the measure of full-time student equivalents.

[1] Not in full operation.

[2] First full year of operation.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement*, Fiscal Year 1979.

TABLE IV-128

Fall Headcount Enrollment, All Texas Institutions of Higher Education

1974-1978

Institution	1974	1975	1976	1977	1978
Public Senior Colleges and Universities	278,966	306,752	315,437	323,432	328,616
Independent Senior Colleges and Universities	70,813	72,420	71,779	73,413	71,901
Public Community Junior Colleges[1]	171,880	215,095	215,242	222,917	232,974
Public Technical Institutions[1]	3,009	4,424	4,767	4,922	5,416
Independent Junior Colleges	2,083	2,134	2,262	2,214	2,270
Subtotal	526,751	600,825	609,487	626,898	641,177
Medical and Dental Schools					
Public Institutions	5,194	6,156	6,422	7,086	7,748
Independent Institutions	1,644	1,561	1,627	1,651	1,670
Subtotal	6,838	7,717	8,049	8,737	9,418
TOTAL ALL INSTITUTIONS	533,589	608,542	617,536	635,635	650,595

[1] Headcount enrollments in public technical institutes and public community colleges include only students enrolled in semester length courses.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-129

Enrollment in Texas Public and Independent Colleges and Universities by Ethnicity and Sex: Fall 1978

Institution	Whites		Blacks		Hispanic		Other		Aliens		Total[1]	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Public Senior Colleges and Universities	129,585	117,459	11,857	15,809	16,920	15,826	2,059	1,549	10,954	3,091	173,288	155,328
Public Community Junior Colleges	78,156	84,262	11,284	12,655	20,264	18,256	1,487	1,266	3,812	1,402	115,085	117,889
Independent Senior Colleges and Universities	30,198	26,990	3,347	3,133	2,590	2,711	398	289	1,667	578	38,200	33,701
Independent Junior Colleges	776	767	206	164	40	39	6	9	239	24	1,267	1,003
Public Health-Related Schools (Academic)	877	2,105	28	114	57	148	24	45	71	52	1,057	2,464
Independent Health-Related Schools (Academic)	161	350	2	5	1	2	7	7	10	2	181	366
Public Medical and Dental Schools (Professional)	3,077	668	60	34	221	62	63	22	18	2	3,439	788
Independent Medical & Dental Schools (Professional)	752	153	24	13	47	9	18	8	1	0	842	184

[1] Total includes students whose ethnic origins were not reported.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-130

State of Origin of Out-of-State Students Enrolled
in Texas Institutions of Higher Education
Fall Semester, 1978

State	Out-of-State Students Enrolled in Texas Public Institutions		Out-of-State Students Enrolled in Texas Independent Institutions		Total by State
	Senior	Junior	Senior	Junior	
Alabama	276	150	279	4	709
Alaska	49	16	54	0	119
Arizona	248	162	297	27	734
Arkansas	598	968	621	53	2,240
California	1,075	499	977	38	2,589
Colorado	431	102	545	26	1,104
Connecticut	219	52	237	0	508
Delaware	58	14	34	1	107
District of Columbia	66	18	60	0	144
Florida	802	322	931	20	2,075
Georgia	262	134	274	10	680
Hawaii	69	26	47	0	142
Idaho	45	25	57	0	127
Illinois	866	283	1,383	16	2,548
Indiana	265	147	357	19	788
Iowa	193	86	180	5	464
Kansas	367	89	476	23	955
Kentucky	181	99	171	0	459
Louisiana	1,257	324	1,097	47	2,725
Maine	50	36	54	0	140
Maryland	283	100	208	0	591
Massachusetts	295	108	193	2	598
Michigan	401	209	327	18	955
Minnesota	192	76	226	3	497
Mississippi	303	87	221	10	621
Missouri	467	159	901	19	1,546
Montana	65	21	41	0	127
Nebraska	184	46	178	6	414
Nevada	74	12	56	0	142
New Hampshire	53	24	39	1	117
New Jersey	481	133	367	6	987
New Mexico	905	240	823	43	2,011
New York	1,380	470	679	18	2,547
North Carolina	208	159	155	1	523
North Dakota	55	27	31	0	113
Ohio	545	259	547	23	1,374
Oklahoma	768	393	939	67	2,167
Oregon	94	51	96	1	242
Pennsylvania	531	246	475	2	1,254
Rhode Island	54	23	29	1	107
South Carolina	143	74	115	4	336
South Dakota	64	27	37	0	128
Tennessee	289	134	476	29	928
Utah	71	25	38	4	138
Vermont	27	15	21	0	63
Virginia	480	148	285	1	914
Washington	147	79	153	2	381
West Virginia	52	38	50	3	143
Wisconsin	201	76	235	16	528
Wyoming	57	17	50	0	124
Canal Zone	50	3	15	0	68
Guam	4	7	3	0	14
Puerto Rico	115	47	49	0	211
Pacific Trust Territory	3	43	3	0	49
Virgin Islands	11	19	7	0	37
Not Identified	0	0	437	0	437
TOTALS	16,429	7,147	16,636	577	40,789

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-131

Summary of Degrees Awarded by Level of Degree: Texas Fiscal Year 1978

Institution	Associate Level	Bachelor's Level	Master's Level	Doctoral Level	Special Professional	TOTAL
Public Senior Colleges and Universities	693	40,030	12,861	1,243	1,271	55,405
Public Community	15,175					15,175
Independent Senior Colleges & Universities	129	10,832	3,120	202	1,045	15,199
Public Medical, Dental & Allied Health Units	169	681	200	76	769	1,726
Independent Medical & Dental Units	122	165	71	13	313	562
TOTAL	16,288	51,708	16,252	1,534	3,398	88,067

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-132

Degrees Awarded by Areas of Study in Public and Independent Senior Colleges and Universities:

Texas, Fiscal Year 1978

Area of Study	Bachelor's		Master's		Doctoral		Special/Professional	
	Public	Independent	Public	Independent	Public	Independent	Public	Independent
Liberal Arts	9,650	3,485	1,962	840	297	121	0	146
Science	2,824	957	614	188	204	51	0	0
Fine Arts	2,203	777	337	166	36	0	0	0
Teacher Education	8,273	1,857	5,810	623	385	12	0	0
Agriculture	1,479	27	300	6	66	0	0	0
Engineering	3,587	339	864	221	133	18	0	0
Home Economics	912	236	134	0	7	0	0	0
Law	0	0	0	0	0	0	1,064	899
Social Service	199	151	261	102	1	0	0	0
Library Science	32	5	323	18	3	0	0	0
Veterinary Medicine	246	0	30	0	8	0	138	0
Pharmacy	367	0	16	0	14	0	0	0
Business Administration	8,416	2,475	1,883	956	77	0	0	0
Optometry	50	0	0	0	2	0	69	0
Technology	491	65	0	0	0	0	0	0
Medical & Dental	0	0	0	0	0	0	769	313
Health Professionals	1,982	623	527	71	86	13	0	0
GRAND TOTAL	40,711	10,997	13,061	3,191	1,319	215	2,040	1,358

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-133

Public Community Colleges in Texas: 1979

Institution	Type	Date of Founding[1]
Alvin Community College, Alvin	Coed	1949
Amarillo College, Amarillo	Coed	1929
Angelina College, Lufkin	Coed	1966
Austin Community College, Austin	Coed	1972
Bee County College, Beeville	Coed	1965
Blinn College, Brenham	Coed	1883
Brazosport College, Lake Jackson	Coed	1948
Central Texas College, Killeen	Coed	1965
Cisco Junior College, Cisco	Coed	1909
Clarendon College, Clarendon	Coed	1898
College of the Mainland, Texas City	Coed	1965
Cooke County College, Gainesville	Coed	1924
Dallas County Community College District	Coed	1965
Brookhaven College, Farmers Branch	Coed	1978
Cedar Valley College, Lancaster	Coed	1977
Eastfield College, Mesquite	Coed	1966
El Centro College, Dallas	Coed	1970
Mountain View College, Dallas	Coed	1970
North Lake College, Irving	Coed	1977
Richland College, Dallas	Coed	1972
Del Mar College, Corpus Christi	Coed	1935
El Paso Community College, El Paso	Coed	1969
Frank Phillips College, Borger	Coed	1948
Galveston College, Galveston	Coed	1935
Grayson County College, Denison	Coed	1963
Henderson County Junior College, Athens	Coed	1946
Hill Junior College, Hillsboro	Coed	1923
Houston Community College, Houston	Coed	1971
Howard College at Big Spring, Big Spring	Coed	1945
Kilgore College, Kilgore	Coed	1935
Laredo Junior College, Laredo	Coed	1947
Lee College, Baytown	Coed	1934
McLennan Community College, Waco	Coed	1965
Midland College, Midland	Coed	1969
Navarro College, Corsicana	Coed	1946
North Harris County College, Houston	Coed	1972
Odessa College, Odessa	Coed	1946
Panola Junior College, Carthage	Coed	1947
Paris Junior College, Paris	Coed	1924
Ranger Junior College, Ranger	Coed	1926
San Antonio, Community College District		
San Antonio College, San Antonio	Coed	1925
St. Philip's College, San Antonio	Coed	1898
San Jacinto College, Pasadena	Coed	1961
Central Campus, Pasadena	Coed	
North Campus, Houston	Coed	
South Plains College, Levelland	Coed	1957
Southwest Texas Junior College, Uvalde	Coed	1946
Tarrant County Junior College District, Fort Worth	Coed	1965
Northeast Campus, Hurst	Coed	1968
Northwest Campus, Fort Worth	Coed	1975
South Campus, Fort Worth	Coed	1967
Temple Junior College, Temple	Coed	1926
Texarkana Community College, Texarkana	Coed	1927
Texas Southmost College, Brownsville	Coed	1926
Tyler Junior College, Tyler	Coed	1926
Vernon Regional Junior College, Vernon	Coed	1970
Victoria College, Victoria	Coed	1925
Weatherford College, Weatherford	Coed	1869
Western Texas College, Snyder	Coed	1969
Wharton County Junior College, Wharton	Coed	1946

Public Technical Institutes

Institution	Type	Date of Founding[1]
Texas State Technical Institute, Waco	Coed	
James Connally Campus, Waco	Coed	
Mid Continent Campus, Amarillo	Coed	
Rio Grande Campus, Harlingen	Coed	
Rolling Plains Campus, Sweetwater	Coed	

[1] See Note 1 on Table 134.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-134

Public Senior Colleges and Universities in Texas: 1979

Institution	Type	Date of Founding[1]
East Texas State University, Commerce	Coed	1889
East Texas State University Center at Texarkana	Coed	1971[2]
Lamar University, Beaumont	Coed	1923
Lamar University at Orange	Coed	1971[3]
Lamar University at Port Arthur	Coed	1975[3]
Midwestern State University, Wichita Falls	Coed	1922
North Texas State University, Denton	Coed	1890
Pan American University, Edinburg	Coed	1927
Pan American University at Brownsville	Coed	1973[2]
Stephen F. Austin State University, Nacogdoches	Coed	1923
Texas A&M University System		
Moody College, Galveston	Coed	1962
Prairie View A&M University, Prairie View	Coed	1876
Tarleton State University, Stephenville	Coed	1899
Texas A&M University, College Station	Coed	1876
Texas Eastern University, Tyler	Coed	1971[2]
Texas Southern University, Houston	Coed	1947
Texas State University System		
Angelo State University, San Angelo	Coed	1928
Sam Houston State University, Huntsville	Coed	1879
Southwest Texas State University, San Marcos	Coed	1901
Sul Ross State University, Alpine	Coed	1919
Uvalde Extension Center	Coed	1973[2]
Texas Tech University, Lubbock	Coed	1923
Texas Woman's University, Denton	Women	1901
The University of Texas System		
The University of Texas at Arlington	Coed	1895
The University of Texas at Austin	Coed	1883
The University of Texas at Dallas	Coed	1969[2]
The University of Texas at El Paso	Coed	1913
The University of Texas of the Permian Basin, Odessa	Coed	1969[2]
The University of Texas at San Antonio	Coed	1969
University of Houston System		
University of Houston Central Campus, Houston	Coed	1927
University of Houston at Clear Lake City	Coed	1971[2]
University of Houston Downtown College, Houston	Coed	1948
University of Houston Center at Victoria	Coed	1972[2]
University System of South Texas		
Corpus Christi State University	Coed	1971[2]
Laredo State University	Coed	1969[2]
Texas A&I University, Kingsville	Coed	1925
West Texas State University, Canyon	Coed	1910

Public Medical, Dental and Allied Health Units

Institution	Type	Date of Founding[1]
Texas A&M University College of Medicine, College Station	Coed	
Texas College of Osteopathic Medicine, Fort Worth	Coed	
Texas Tech University Health Sciences Center, Lubbock	Coed	1969
The University of Texas Health Science Center at Dallas		
Graduate School of Biomedical Sciences, Dallas	Coed	
School of Allied Health Sciences, Dallas	Coed	
Southwestern Medical School, Dallas	Coed	1943
The University of Texas Health Science Center at Houston		
Dental Branch, Houston	Coed	1943
Graduate School of Biomedical Sciences, Houston	Coed	1963
Medical School, Houston	Coed	1969
School of Allied Health Sciences, Houston	Coed	
The University of Texas Health Science Center at San Antonio		
Dental School, San Antonio	Coed	1969
Graduate School of Biomedical Sciences, San Antonio	Coed	
Medical School, San Antonio	Coed	1959
The University of Texas Medical Branch at Galveston		
Graduate School of Biomedical Sciences, Galveston	Coed	
School of Allied Health Sciences, Galveston	Coed	
Medical School, Galveston	Coed	1881

[1] Date of original founding, sponsorship, designation, and level of instruction may have changed, and the institution may not have been in continuous operation.

[2] An upper-level center, college, or university offering work beyond the sophomore year.

[3] A lower-division center offering freshman and sophomore level work.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-135

Private Institutions of Higher Education in Texas: 1979

Private Senior Colleges and Universities

Institution	Type	Date of Founding[1]
Abilene Christian University, Abilene	Coed	1906
ACU Metrocenter, Garland	Coed	1962
American Technological University, Killeen	Coed	
Austin College, Sherman	Coed	1849
Baylor University, Waco	Coed	1845
Bishop College, Dallas	Coed	1880
Dallas Baptist College, Dallas	Coed	1897
East Texas Baptist College, Marshall	Coed	1914
Gulf-Coast Bible College, Houston	Coed	
Hardin-Simmons University, Abilene	Coed	1891
Houston Baptist University, Houston	Coed	1960
Howard Payne College, Brownwood	Coed	1889
Huston-Tillotson College, Austin	Coed	1877
Incarnate Word College, San Antonio	Coed	1900
Jarvis Christian College, Hawkins	Coed	1912
LeTourneau College, Longview	Coed	1946
Lubbock Christian College, Lubbock	Coed	1957
McMurry College, Abilene	Coed	1922
Our Lady of the Lake University, San Antonio	Coed	1912
Paul Quinn College, Waco	Coed	1872
St. Edward's University, Austin	Coed	1885
St. Mary's University, San Antonio	Coed	1852
Southern Methodist University, Dallas	Coed	1911
South Texas College of Law, Houston	Coed	1923
Southwestern Adventist College, Keene	Coed	1894
Southwestern University, Georgetown	Coed	1840
Texas Christian University, Fort Worth	Coed	1873
Texas College, Tyler	Coed	1894
Texas Lutheran College, Seguin	Coed	1891
Texas Wesleyan College, Fort Worth	Coed	1891
Trinity University, San Antonio	Coed	1869
University of Dallas, Irving	Coed	1956
University of Mary Hardin-Baylor, Belton	Coed	1845
University of St. Thomas, Houston	Coed	1947
Wayland Baptist College, Plainview	Coed	1908
Wiley College, Marshall	Coed	1873
William Marsh Rice University, Houston	Coed	1912

Private Medical, Dental and Allied Health Units

Institution	Type	Date of Founding[1]
Baylor College of Dentistry, Dallas	Coed	1918
Baylor College of Medicine, Houston	Coed	1903
Baylor University Army Medical Service School, San Antonio	Coed	
Health Care Program	Coed	
Physical Therapy	Coed	
Baylor University School of Nursing, Dallas	Coed	1909

Private Junior Colleges

Institution	Type	Date of Founding[1]
Concordia Lutheran College, Austin	Coed	1926
Jacksonville College, Jacksonville	Coed	1899
Lon Morris College, Jacksonville	Coed	1873
Schreiner College, Kerrville	Coed	1923
Southwestern Christian College, Terrell	Coed	1949
Southwestern Junior College of the Assemblies of God, Waxahachie	Coed	1946

[1] See Note 1 on Table 134.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-136

Total Investment in Physical Plant: All Texas Public Institutions of Higher Education:

Fiscal Year 1980

Coordinating Board, Texas College and University System	$ 535,464
Public Community Junior College	677,251,248
Public Senior Colleges and Universities	2,232,566,601
Medical, Dental and Allied Health Units	665,697,326
Texas A&M University System Agriculture and Engineering Services	50,849,080
Texas State Technical Institute	36,618,677
GRAND TOTAL	$3,663,518,396

Source: Coordinating Board, Texas College and University System, Audited Financial Reports, September 1, 1978.

TABLE IV-137

Investments in Physical Plants by Category:

All Texas Public Institutions of Higher Education[1]: FY 1978

Institution	Land Value	Buildings Value	Improvements Other Than Buildings	Construction in Progress	Equipment	Total Investment in Physical Plant
Public Senior Colleges and Universities	$76,827,785	$1,378,343,546	$151,719,682	$170,733,419	$454,942,169	$2,232,566,601
Texas A&M University System Agricultural & Engineering Services	7,661,414	10,066,999	2,852,630	2,468,002	27,800,035	50,849,080
Medical, Dental & Allied Health Units	24,557,330	269,850,350	8,455,787	190,891,041	171,942,818	665,697,326
Public Community Junior Colleges	48,502,423	444,827,031	15,009,919	31,692,129	137,219,746	677,251,248

[1] Excludes livestock.

Lamar University and University of Houston not included due to failure to submit audited financial statements to the Coordinating Board for 1978.

Source: Coordinating Board, Texas College and University System, *Statistical Supplement, Fiscal Year 1979.*

TABLE IV-138

Median School Years Completed

By Persons Age 25 and Over

By Ethnicity and Sex: Texas

	1950	1960	1970
TOTAL	9.3	10.6	11.6
White	9.7	10.8	11.9
Black/Other	7.0	8.1	9.8
Male	8.9	10.1	11.7
Female	9.6	10.7	11.6

Source: U.S. Bureau of the Census, U.S. Census of Population: 1960, *General Social and Economic Characteristics*, Final Report PC(1)-C45, Texas, Table 103; and Census of Population: 1970, *Detailed Characteristics*, Final Report PC(1)-D45, Texas, Section 1, Table 148.

TABLE IV-139

Percent of Persons 25 and Over

With Four or More Years of College:

Texas and United States

	1950	1960	1970
Texas–TOTAL	6.2	8.0	10.9
White	6.7	8.6	11.6
Black	2.6	4.0	4.7
Spanish Surname	NA	NA	4.2
United States–TOTAL	6.2	7.7	11.0
White	NA	8.1	11.6
Black	2.1	3.1	4.5
Spanish Surname	NA	NA	6.0

Source: U.S. Bureau of the Census, Census of Population: 1970, *Detailed Characteristics*, Final Report PC(1)-D45, Texas, Section 2, Table 51; Census of the Population: 1960, *General Social and Economic Characteristics of Texas*, Final Report PC(1)-45C, Table 103; and *Statistical Abstract of the U.S., 1979.*

TABLE IV-140

Median Income by Years of School Completed[1], Sex and Race

for Persons 18 Years and Older: Texas

	1960		1970	
	High School	College	High School	College
Male–TOTAL	$5,224	$7,186	$6,803	$10,662
White	NA	NA	7,144	10,872
Black	2,791	4,168	4,591	6,532
Spanish Surname	NA	NA	5,508	8,672
Female–TOTAL	$1,924	$3,803	$2,904	$4,914
White	NA	NA	3,024	4,902
Black	963	3,527	2,223	5,043
Spanish Surname	NA	NA	2,786	5,159

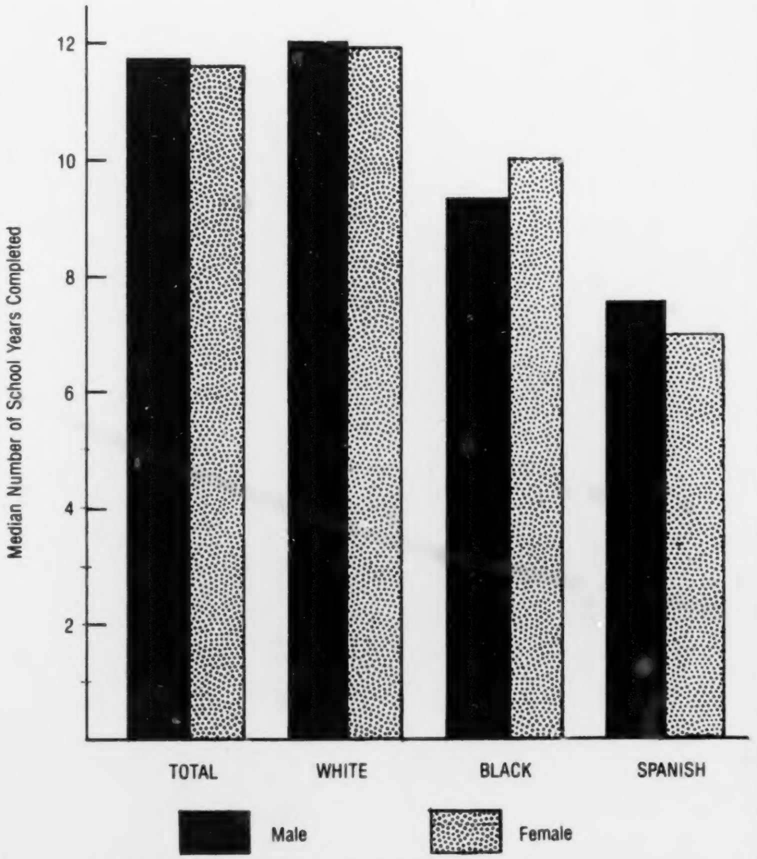
[1] 4 years of high school or 4 years of college.

Source: U.S. Bureau of the Census, Census of Population: 1970, *Detailed Characteristics*, Final Report PC(1)-D45, Texas, Section 2, Table 197; and Census of Population, 1960, *Detailed Characteristics*, Texas, Final Report PC(1)-45D, Table 138.

FIGURE IV-37

Median Number of School Years Completed:

Texas 1970



Source: U.S. Bureau of the Census, Census of the Population: 1970. *General Social and Economic Characteristics*, Final Report PC(1)-C45 Texas.

NATURAL RESOURCES

Funding
Land ownership
Minerals
Energy
Forestry
Agriculture
Air quality
Water resources
Commercial and sport fishing
Parks and wildlife

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE V-1

Amount of State Budget Dedicated to Natural Resources

All Funds

	FY 1968	FY 1969	FY 1970	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981
ENVIRONMENTAL QUALITY DEVELOPMENT AND MANAGEMENT														
Air Control Board	25,420	40,451	54,000	54,000	106,624	398,553	433,140	462,378	7,131,750	7,560,088	7,819,966	8,019,844	9,601,051	9,720,695
Water Quality Board[1]	3,129,542	1,789,627	2,188,939	2,217,339	4,442,946	5,402,244	5,969,410	4,761,368	8,158,329	8,406,528	na	na	na	na
Soil and Water Conservation Board	420,830	443,571	640,247	643,313	746,644	757,271	929,612	935,048	1,171,555	1,201,035	1,210,801	1,223,516	1,649,940	1,670,513
Department of Water Resources[2]	na	na	na	na	na	na	na	na	na	na	19,178,504	19,828,977	24,627,187	25,444,589
Water Development Board[1]	3,954,683	4,405,451	5,437,825	5,652,375	6,300,059	6,508,516	7,153,580	7,232,824	8,921,062	9,085,996	na	na	na	na
Water Rights Commission[1]	836,707	885,592	1,361,790	1,410,621	1,650,388	1,997,611	2,384,299	2,589,470	3,179,018	3,320,966	na	na	na	na
Railroad Commission	4,470,206	4,475,879	4,772,951	4,931,708	5,558,120	5,814,536	6,990,793	6,820,047	10,606,980	10,019,429	13,542,519	12,245,392	16,150,726	16,165,693
Pecos River Compact Commission	77,060	77,060	54,225	54,225	85,969	87,692	87,692	87,692	96,349	97,277	102,036	105,461	111,638	117,426
Coastal and Marine Council[3]	na	na	na	na	na	na	161,390	147,794	233,931	198,603	360,337	157,943	214,008	212,924
Subtotal	12,914,448	12,117,631	14,509,977	14,963,581	18,890,750	20,966,423	24,109,916	23,036,621	39,498,974	39,889,922	42,214,163	41,581,133	52,354,550	53,331,840
AGRICULTURAL RESEARCH AND DEVELOPMENT														
Texas Agricultural Experiment Station	8,259,560	8,901,048	9,776,251	10,184,174	11,890,646	12,770,485	14,431,874	14,977,826	18,884,532	20,263,800	22,027,399	22,606,414	25,377,833	26,419,888
Texas Agricultural Extension Service	10,625,483	11,558,403	12,566,552	13,369,255	14,871,469	15,988,883	18,141,261	18,779,326	23,648,938	25,173,468	27,251,036	28,663,188	28,914,727	29,948,741
Natural Fibers and Food Protein Commission[4]	na	na	na	na	na	983,856	1,465,443	1,497,641	1,956,890	2,107,538	2,156,274	2,204,050	2,208,500	2,303,525
Texas Forest Service	1,936,118	2,009,485	2,540,484	2,556,512	2,789,048	2,916,730	3,574,603	3,721,845	4,758,252	5,094,977	6,275,266	6,395,988	7,474,761	7,821,456
Rodent and Predatory Animal Control Service	461,162	482,777	528,931	537,291	624,010	849,857	859,810	887,490	1,106,821	1,167,952	1,270,893	1,300,280	1,533,244	1,586,614
Texas Department of Agriculture	3,019,498	3,980,499	5,534,447	5,905,577	7,926,528	8,002,997	10,542,811	10,378,922	11,852,373	12,392,858	12,164,591	12,456,205	13,963,121	14,322,431
Subtotal	24,301,821	26,932,212	30,946,665	32,552,809	38,101,701	41,512,808	49,015,802	50,243,050	62,207,806	66,200,593	71,146,459	73,626,125	79,472,186	82,402,655
CULTURAL DEVELOPMENT AND HISTORICAL PRESERVATION														
American Revolution Bicentennial Commission	na	na	na	25,000	50,000	50,000	100,645	107,908	136,038	73,456	na	na	na	na
Texas Commission on the Arts and Humanities	205,963	70,840	105,724	106,072	149,460	152,776	157,345	159,565	615,454	581,046	791,407	799,616	1,965,900	1,976,000
Historical Survey Commission	103,794	161,175	333,320	323,317	507,327	449,413	523,437	529,118	1,284,361	1,358,721	1,611,355	1,577,617	2,000,868	2,037,207
Subtotal	309,757	232,015	439,044	454,389	706,787	652,189	781,427	796,591	2,035,853	2,013,223	2,402,762	2,377,233	3,966,768	4,013,207
PARKS OPERATION AND LAND AND WILDLIFE MANAGEMENT														
Parks and Wildlife Department	15,243,234	16,854,070	19,614,813	19,004,191	32,104,684	37,819,760	42,489,429	43,988,875	54,263,563	57,866,906	54,668,136	56,962,104	80,461,545	68,452,562
General Land Office	1,649,937	2,142,570	2,268,003	2,318,002	2,580,343	2,901,468	3,198,204	3,261,086	5,148,863	5,389,729	6,445,433	6,567,185	6,193,603	6,460,042
Subtotal	16,893,171	18,996,640	21,882,816	21,322,193	34,685,027	40,721,228	45,687,633	47,249,961	59,412,426	63,256,635	61,113,569	63,529,289	86,655,148	74,912,604
TOTAL STATE BUDGET DEDICATED TO NATURAL RESOURCES	**54,419,197**	**58,278,498**	**67,778,502**	**69,292,972**	**92,384,265**	**103,852,648**	**119,594,778**	**121,326,223**	**163,155,059**	**171,360,373**	**176,876,953**	**181,113,780**	**222,448,652**	**214,660,306**
% of State Budget Dedicated to Natural Resource Programs	2.3%	2.0%	2.3%	2.3%	2.3%	3.2%	2.5%	2.4%	2.7%	2.8%	2.3%	2.3%	2.2%	2.1%

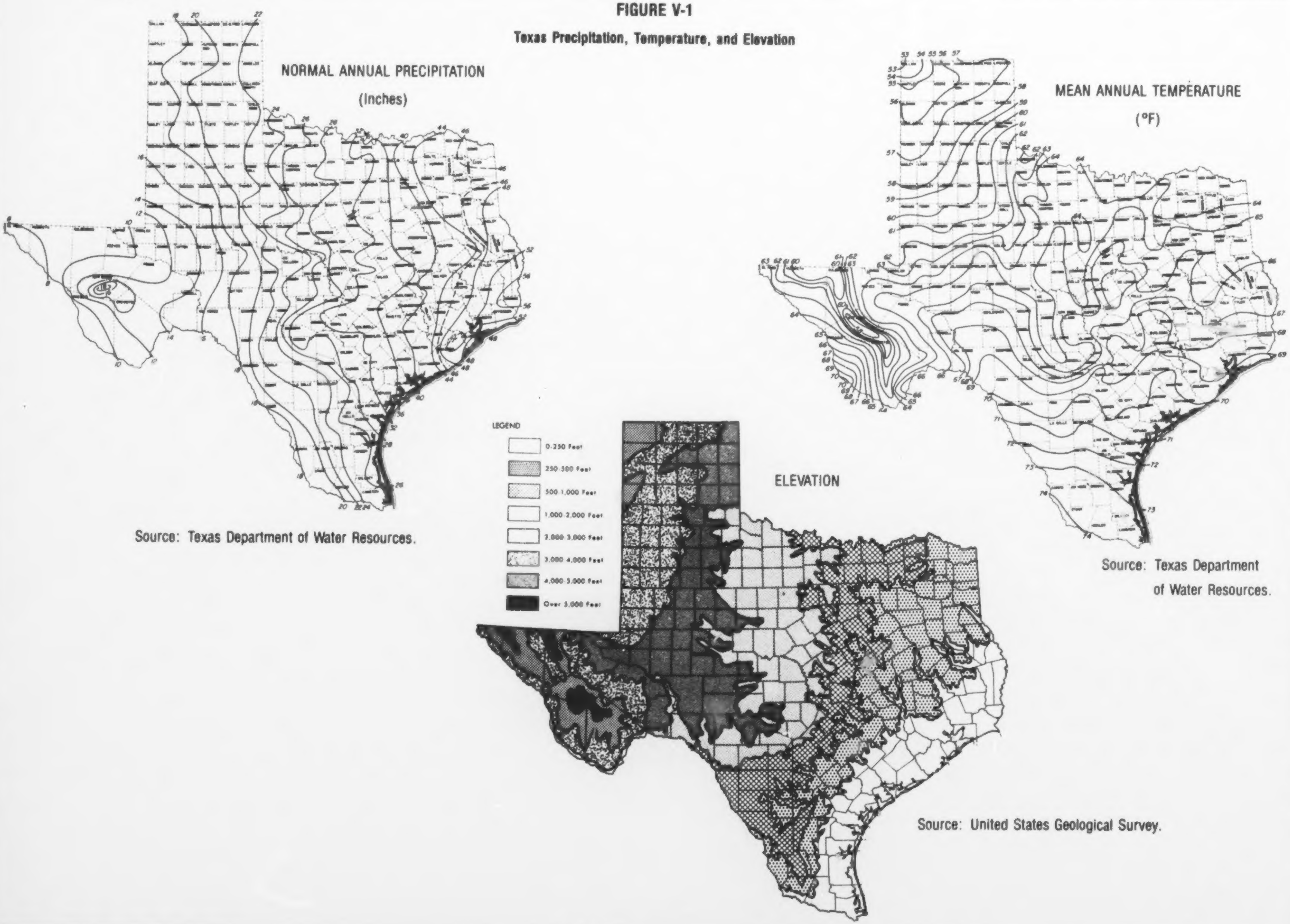
Note: These figures reflect appropriations for natural resource agencies. They do not include natural resource programs in agencies that are not predominantly natural-resource oriented.

Source: Governor's Budget and Planning Office data taken from State Appropriations bills.

[1] The 1977 Water Reorganization Act consolidated the three state agencies into the Department of Water Resources.
[2] Authorizing legislation passed in 1977.
[3] Authorizing legislation passed in 1971.
[4] Authorized in 1941 as the Cotton Research Committee. The Legislature changed the name in 1970.

FIGURE V-1

Texas Precipitation, Temperature, and Elevation


NORMAL ANNUAL PRECIPITATION
(Inches)
MEAN ANNUAL TEMPERATURE
(°F)
ELEVATION
LEGEND
0-250 Feet
250-500 Feet
500-1,000 Feet
1,000-2,000 Feet
2,000-3,000 Feet
3,000-4,000 Feet
4,000-5,000 Feet
Over 5,000 Feet

Source: Texas Department of Water Resources.

Source: Texas Department of Water Resources.

Source: United States Geological Survey.

TABLE V-2

Texas Land Use and Land Ownership (Square Miles)

Total State Area

275,416 (GLO)
275,658 (BEG)

Water Area

Coastal Total	6,320	(GLO)
Open Gulf	3,750	
Bay Areas	2,570	(BEG)
Small Water Bodies	714	(SCS)
River Beds	1,562	(GLO)

Public Ownership

Federal-Civil	3,152	(DOI)	Submerged Land	6,320	(GLO)
Federal-Military	1,102	(DOI)	River Beds	1,562	(GLO)
University	3,281	(DOI)	Highway Rights-of-Way	1,591	(DOI)
Public School-Upland	1,395	(GLO)	Parks and Wildlife Department Land	466	(DOI)
			Texas Department of Corrections	158	(DOI)
			State Forest Land	1,215	(TFS)

Total Land Area

262,502 (SCS)
266,181 (GLO)
262,134 (BEG)

Urban Areas

Urban Land	4,077	(FREY)
Urban Land	3,102	(BEG)
Urban and Developed Land	7,568	(SCS)
Defense and Industrial Areas	712	(FREY)

Coastal Resource Areas (BEG)

Marsh/Wetland	905
Grassflats, Reefs	471
Man-Made Land	247
Beach/Dunes	1,232

Forest and Agricultural Land – Cropland, Pasture and Range

Farms and Ranches	216,250	(USDA)	Pastureland	22,003	(SCS)	Commercial Forest	19,551	(TFS)
Non-Irrigated Cropland	42,628	(SCS)	Rangeland	133,757	(SCS)	Commercial Forest	18,711	(SCS)
Irrigated Cropland	13,045	(SCS)	Grass & Range	149,692	(FREY)	Non-Commercial Forest	16,730	(SCS)
Active Cropland	38,098	(FREY)	Forest Land, Grazed	26,223	(FREY)	Total Forestland	37,567	(FREY)
Idle Cropland	3,555	(FREY)	Farmsteads, Rural Homes	3,536	(FREY)	Total Forestland	36,529	(TFS)
Cropland Used for Pasture	17,625	(FREY)						

Parks and Wildlife Areas

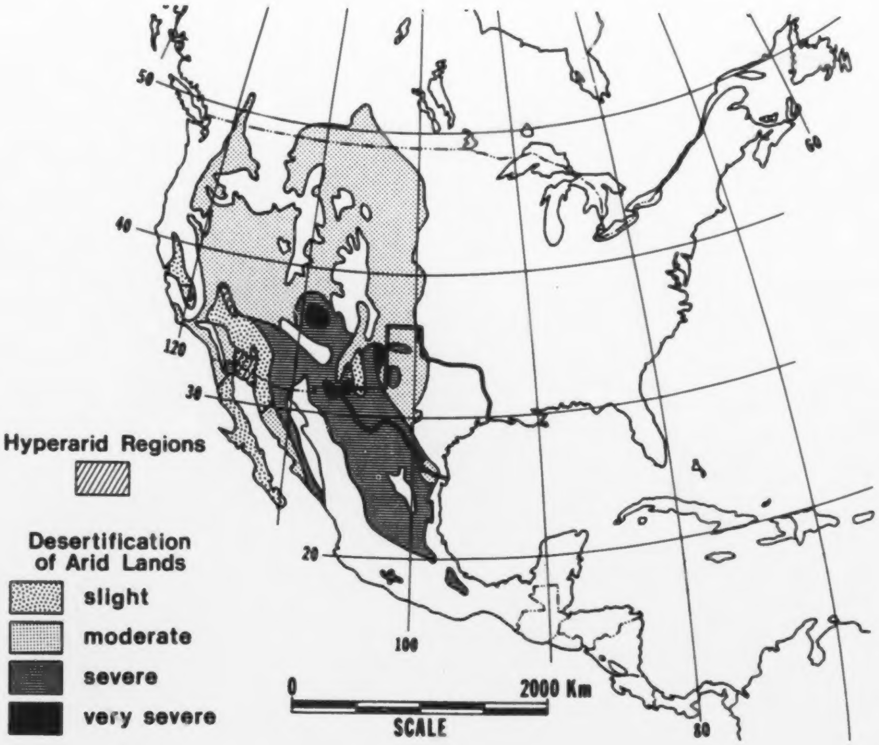
Local Government Parks	208	(GBPO)	Nature Conservancy Land	4	(DOI)	National Wildlife Refuges	257	(DOI)
Parkland	5,893	(BEG)	Audubon Sanctuaries	29	(DOI)	National Park Services Land	1,831	(DOI)
Rural Parks	1,898	(FREY)	State Wildlife Areas	338	(DOI)	National Forest & Grassland	1,090	(DOI)
Private Sector Parks	288	(GBPO)	State Park Land	208	(P&W)			

Note: Estimates of Texas land and water areas vary according to the different methods used to calculate them.

Sources: *Major Uses of Lands in the United States: 1974*. USDA, Economics, Statistics, and Cooperative Services, Thomas Frey, November 1979. *Unique Wildlife Ecosystems of Texas*. USFWS, Department of Interior, February 1979. General Land Office Map ''Acreage in Texas by Counties.'' *Conservation Needs Inventory*. SCS, USDA, Texas, 1970. *Land Resources of Texas*. Bureau of Economic Geology, Kier, Garner, Brown, 1977. Texas Crop and Livestock Reporting Service, USDA/TDA. Texas Forest Service. Texas Parks and Wildlife Department. *Texas State Government Sourcebook*. Governor's Budget and Planning Office, 1978.

FIGURE V-2

Desertification of Arid Lands in North America


50
40
30
20
120
100
80
60
Hyperarid Regions
▨
Desertification of Arid Lands
slight
moderate
severe
very severe
0
2000 Km
SCALE

Barren or desert crop and range land in Texas does not amount to any more than 30,000 acres, and may be much less than that. Land that has virtually no plant or livestock production is restricted to places such as the Salt Flats area west of Guadalupe Peak, a few moving sand dunes near the southwest corner of New Mexico and a few miles east of El Paso, and some sandy abandoned irrigated lands south of El Paso. There is some useful plant cover practically everywhere else.

Source: H. E. Dregne, International Center for Arid and Semi-Arid Land Studies, Texas Tech University, March 1980. See also article by Mr. Dregne, "Desertification of Arid Lands." *Economic Geography*, Vol. 53, No. 4, October, 1977.

TABLE V-3

Mineral Production in Texas

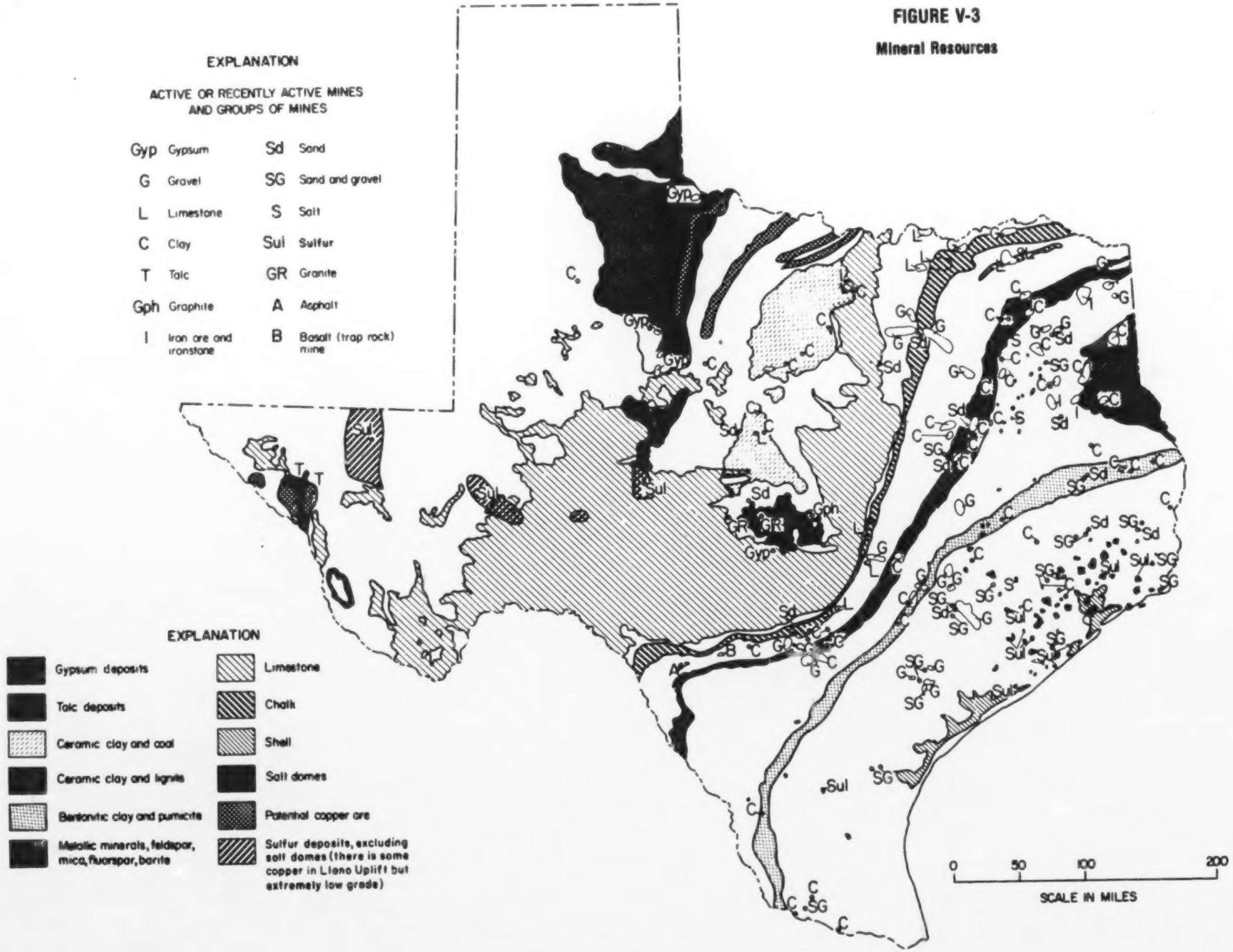
Minerals	1955		1960		1965		1970		1975		1979[5]	
	Quantity	Value $1,000	Quantity	Value $1,000	Quantity	Value $1,000	Quantity	Value $1,000	Quantity	Value $1,000	Quantity	Value $1,000
Cement (1000 short tons)												
Masonry	154	2,728	90	2,613	136	3,011	141	3,769	181	7,089	272	18,632
Portland	4,519	64,820	4,272	73,964	5,794	97,598	6,386	122,960	7,195	224,804	8,674	454,344
Clays (1000 short tons)	3,097	5,100	3,302	5,058	4,469	6,865	4,148	9,587	4,248	13,411	3,964	21,791
Gypsum	1,349	4,220	1,131	3,960	1,045	3,794	1,220	4,252	1,094	4,277	1,752	12,334
Helium (1000 cubic feet)	139,397	2,272	120,921	2,044	1,354,704	21,728	1,257,000	16,124	36,111	433	69,905	2,497
high purity	139,397	2,272	120,921	2,044	338,996	11,398	82,000	2,862	0	0	69,905	2,497
crude	0	0	0	0	1,015,708	10,330	1,175,000	13,262	36,111	433	0	0
Lime (1000 short tons)	585	5,549	821	9,087	1,338	19,663	1,673	24,427	1,735	46,179	1,435	59,596
Natural Gas (mmcf)	4,730,798	378,464	5,892,704	665,876	6,636,555	858,396	8,357,716	1,203,511	7,485,764	3,885,112	6,529,132[3]	7,691,781[3]
Natural Gas Liquids (1000 gals.)												
gasoline and cycle prod.	2,987,808	206,506	2,880,906	207,583	3,772,471	256,959	4,095,462	284,871	3,311,070	479,700	NA[3]	NA[3]
LP gases (1000 gals.)	3,450,430	110,414	4,476,142	200,478	5,847,601	204,666	8,575,434	334,850	8,930,670	965,363	NA[3]	NA[3]
Petroleum (1000 42-gal. bbls.)	1,053,297	2,989,330	933,632	2,766,972	1,000,749	2,962,119	1,249,697	4,104,005	1,221,929	9,336,570	962,907[3]	12,051,927[3]
Salt (1000 short tons)	3,583	12,867	4,756	18,222	6,964	30,771	10,184	45,000	8,560	42,119	9,931	55,060
Sand and Gravel (1000 short tons)	31,518	28,480	29,844	30,754	32,649	36,075	31,438	46,362	38,649	87,106	59,000	177,000
Stone (1000 short tons)	27,321	33,544	39,029	45,088	39,520	53,659	45,557	64,422	57,985	106,554	70,897	166,024
Sulfur (1000 long tons)	3,882	108,272	2,747	62,855	3,674	74,955	2,801	62,290	3,406	[4]	4,701	[4]
Talc and Soapstone (short tons)	35,064	214	67,031	336	64,211	204	171,420	878	129,626	795	312,633	1,812
Other[1]		51,285		49,766		78,246		75,154		330,420		398,586
Total Texas[2]		3,993,310		4,134,901		4,708,709		6,402,462		15,529,932		21,111,384

[1] Includes: lignite, gem stones, peat, zinc, perlite, sodium compounds, uranium, asphalt, clays, barite, bromine, graphite, iron ore, mercury, gold, fluorspar, magnesium compounds, sulfur, silver, feldspar, pumice, vermiculite, helium crude (all not included each year. See source for details).
[2] May not add due to rounding.
[3] Data now collected by DoE.
[4] Data withheld—proprietory. Included in "Other" total.
[5] Preliminary.

Source[6]: *Minerals Yearbook*, 1955, 1960, 1965, 1975, 1979, Bureau of Mines, U.S. Department of Interior; Bureau of Mines, Amarillo, Texas; Comptroller's Office, Austin, Texas.

FIGURE V-3

Mineral Resources


EXPLANATION
ACTIVE OR RECENTLY ACTIVE MINES AND GROUPS OF MINES
Gyp Gypsum
G Gravel
L Limestone
C Clay
T Talc
Gph Graphite
I Iron ore and ironstone
Sd Sand
SG Sand and gravel
S Salt
Sul Sulfur
GR Granite
A Asphalt
B Basalt (trap rock) mine
EXPLANATION
Gypsum deposits
Talc deposits
Ceramic clay and coal
Ceramic clay and lignite
Bentonitic clay and pumicite
Metallic minerals, feldspar, mica, fluorspar, barite
Limestone
Chalk
Shell
Salt domes
Potential copper ore
Sulfur deposits, excluding salt domes (there is some copper in Llano Uplift but extremely low grade)
0 50 100 200
SCALE IN MILES

Source: Texas Department of Water Resources.

TABLE V-4

Lignite Production in Texas[1]

	1975		1976		1977		1978		1979	
	Lignite Production (tons)	**Acres Land Disturbed**	**Lignite Production (tons)**	**Acres Land Disturbed**	**Lignite Production (tons)**	**Acres Land Disturbed**	**Lignite Production (tons)**	**Acres Land Disturbed**	**Lignite Production (tons)**	**Acres Land Disturbed**
Farco									76,676	62.4
Alcoa										
Sandow Mine	1,721,000	105.70	2,065,100	101.30	1,979,691	111.40	2,008,198	106.40	1,813,739	102.7
Texas Utilities										
Big Brown Mine	5,640,180	669.00	5,300,672	632.00	5,288,041	509.00	5,298,285	887.40	5,165,452	540.6
Monticello										
Thermo Mine							1,198,907	127.00	1,739,554	137.0
Winfield Mine	3,535,923	272.00	6,602,335	393.00	6,229,307	472.00	5,767,561	568.00	7,349,000	461.0
Martin Lake Mine			40,202	17.00	3,147,693	345.00	5,971,750	127.00	10,319,707	941.0
I.C.I.										
Darco Mine	267,997	25.70	282,671	30.30	254,709	25.40	271,381	12.10	353,734	27.3
Basic Resources, Inc.										
(In Situ Gasification)							2,353	8.76	518	5.0
San Miguel Electric Cooperative Inc.										
San Miguel Mine								151.00	0	484.8
Total	11,165,100	1,072.40	14,290,980	1,173.30	16,899,441	1,462.80	20,518,435	1,870.10	25,004,641	2,654.1

[1] No reclaimed acres have been approved by the Surface Mining Division.

Note: Blank spaces indicate years when mines were not in operation.

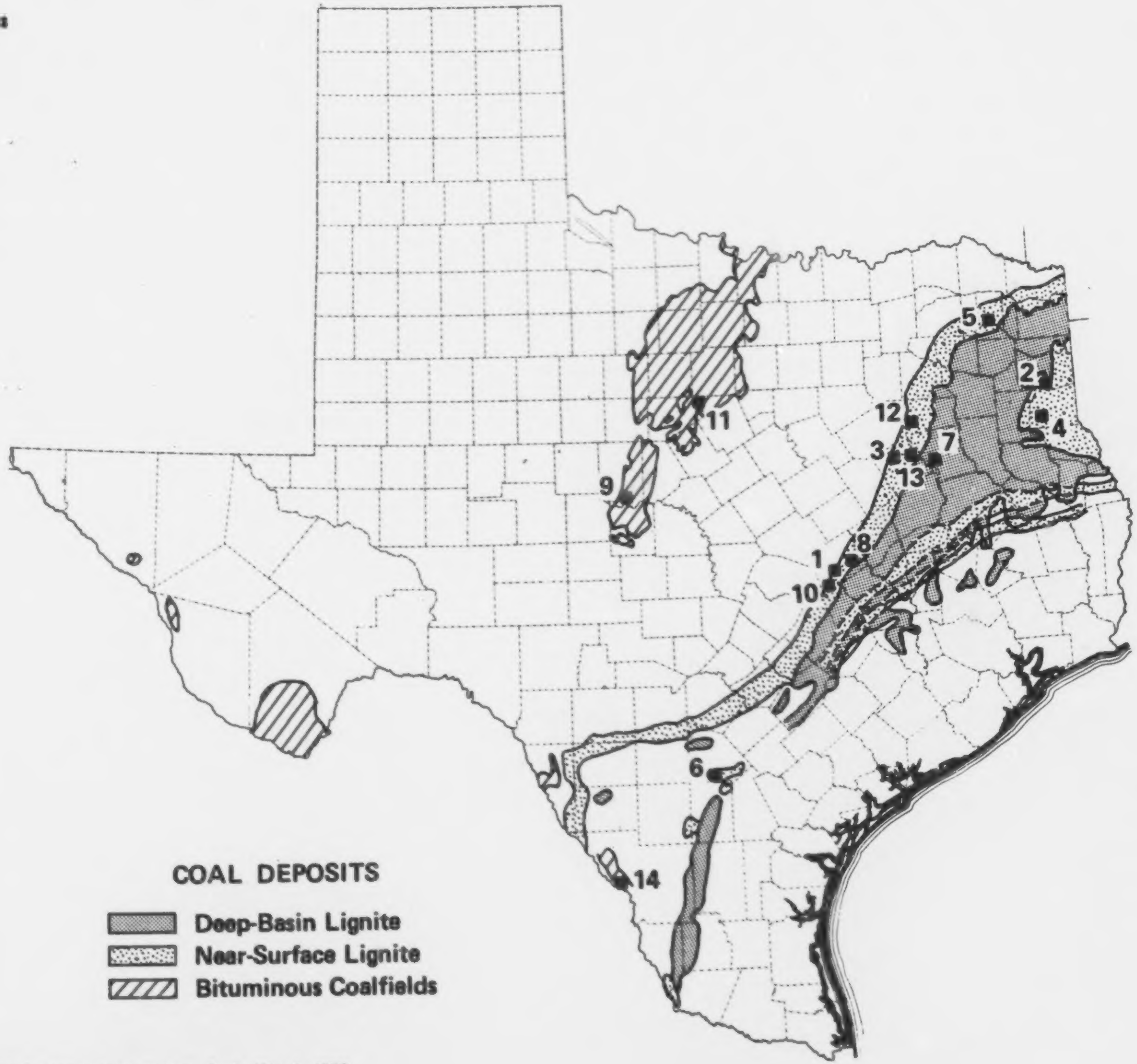
Source: Railroad Commission of Texas, Surface Mining Division, *Lignite Surface Mining Operation Annual Progress Report* (1975, 1976, 1977, 1978 and 1979).

FIGURE V-4

Coal Mining Operations

PERMITTED OPERATIONS

1. Aluminum Company of America (Sandow)
2. ICI Americas, Inc. (Darco)
3. Texas Utilities Generating Company (Big Brown)
4. Texas Utilities Generating Company (Martin Lake)
5. Texas Utilities Generating Company (Monticello)
6. San Miguel Electric Cooperative, Inc.
7. Basic Resources, Inc.
8. Shell Oil Company (Milam)
9. Amistad Fuel Company (Little Bull Creek)
10. Texas A&M Engineering Experiment Station
11. Thurber Coal Company
12. North American Coal Company (Malakoff-Cayuga #1)
13. Texas Utilities Generating Company (Big Brown #2)
14. Farco Mining Company



COAL DEPOSITS

▨ Deep-Basin Lignite
░ Near-Surface Lignite
▨ Bituminous Coalfields

Source: Railroad Commission of Texas, Surface Mining and Reclamation Operations, September 1, 1979.

TABLE V-5

United States Proved Reserves of Liquid and Gaseous Hydrocarbons, Year-End 1946-1976

Year	Crude Oil	Natural Gas		Natural Gas Liquids		Total
	Billion Barrels	Trillion Cubic Feet	Billion Barrel COE[1]	Billion Barrels	Billion Barrels COE[2]	Billion Barrels COE
1946	20.9	159.7	28.2	3.2	2.2	51.3
1947	21.5	165.0	29.0	3.3	2.3	52.8
1948	23.3	172.9	30.4	3.5	2.5	56.2
1949	24.6	179.4	31.6	3.7	2.6	58.8
1950	25.3	184.6	32.4	4.3	3.0	60.7
1951	27.5	192.8	34.0	4.7	3.3	64.8
1952	28.0	198.6	35.0	5.0	3.5	66.5
1953	28.9	210.3	37.0	5.4	3.8	69.7
1954	29.6	210.6	37.1	5.2	3.6	70.3
1955	30.0	222.5	39.2	5.4	3.8	73.0
1956	30.4	236.5	41.6	5.9	4.1	76.1
1957	30.3	245.2	43.2	5.7	3.9	77.4
1958	30.5	252.8	44.5	6.2	4.3	79.3
1959	31.7	261.2	46.0	6.5	4.5	82.2
1960	31.6	262.3	46.2	6.8	4.7	82.5
1961	31.8	266.3	46.9	7.0	4.9	83.6
1962	31.4	272.3	47.9	7.3	5.1	84.4
1963	31.0	276.2	48.6	7.7	5.3	84.9
1964	31.0	281.3	49.5	7.7	5.4	85.9
1965	31.4	286.5	50.4	8.0	5.6	87.4
1966	31.5	289.3	50.9	8.3	5.8	88.2
1967	31.4	292.9	51.6	8.6	6.0	89.0
1968	30.7	287.3	50.6	8.6	6.0	87.3
1969	29.6	275.1	48.4	8.1	5.7	83.7
1970	39.0	290.7	51.2	7.7	5.3	95.5
1971	38.1	278.8	49.1	7.3	5.1	92.3
1972	36.3	266.1	46.8	6.8	4.7	87.8
1973	35.3	250.0	44.0	6.5	4.5	83.8
1974	34.2	237.1	41.7	6.4	4.4	80.3
1975	32.7	228.2	40.2	6.3	4.3	77.2
1976	30.9	216.0	38.0	6.4	4.4	73.3

[1] Crude oil equivalent; converted on a Btu basis—5,680 cubic feet of natural gas for each barrel of crude oil.

[2] Crude oil equivalent; converted on a Btu basis—1.44 barrels of natural gas liquids for each barrel of crude oil.

Source: American Petroleum Institute and American Gas Association.

TABLE V-6

Estimates of Texas Proved Petroleum Reserves

Year-End 1952-1978

(Quadrillion Btu)

Year	Petroleum Liquids			Natural Gas	Total Reserves
	Crude Oil	Natural Gas	Total		
1952	86.5	12.5	99.0	108.5	207.6
1953	87.0	13.1	100.1	109.3	209.4
1954	86.9	11.7	98.6	107.9	206.5
1955	86.6	12.2	98.8	111.1	210.0
1956	85.7	13.6	99.3	115.7	215.0
1957	84.4	13.1	97.5	116.1	213.6
1958	83.1	13.6	96.7	118.1	214.8
1959	86.2	13.8	99.9	123.7	223.6
1960	85.6	14.4	100.0	122.6	222.7
1961	86.1	15.1	101.2	123.0	224.2
1962	85.0	15.4	100.3	122.7	223.0
1963	84.5	16.2	100.7	121.6	222.3
1964	82.9	15.9	98.8	122.7	221.5
1965	83.0	16.3	99.2	124.5	223.7
1966	81.6	16.5	98.1	127.6	225.7
1967	84.1	16.5	100.5	129.4	230.0
1968	80.1	16.1	96.2	122.8	219.0
1969	75.8	14.6	90.4	116.0	206.4
1970	76.5	13.4	89.9	109.8	199.6
1971	75.5	12.4	88.0	104.7	192.7
1972	70.4	11.6	82.0	98.1	180.1
1973	68.2	11.4	79.5	87.7	167.2
1974	63.8	11.2	75.0	81.1	156.1
1975	58.5	10.7	69.1	73.3	142.4
1976	53.5	10.1	63.6	66.7	130.4
1977	49.1	9.6	58.7	64.1	122.8
1978	44.6	9.1	53.7	56.3	110.0

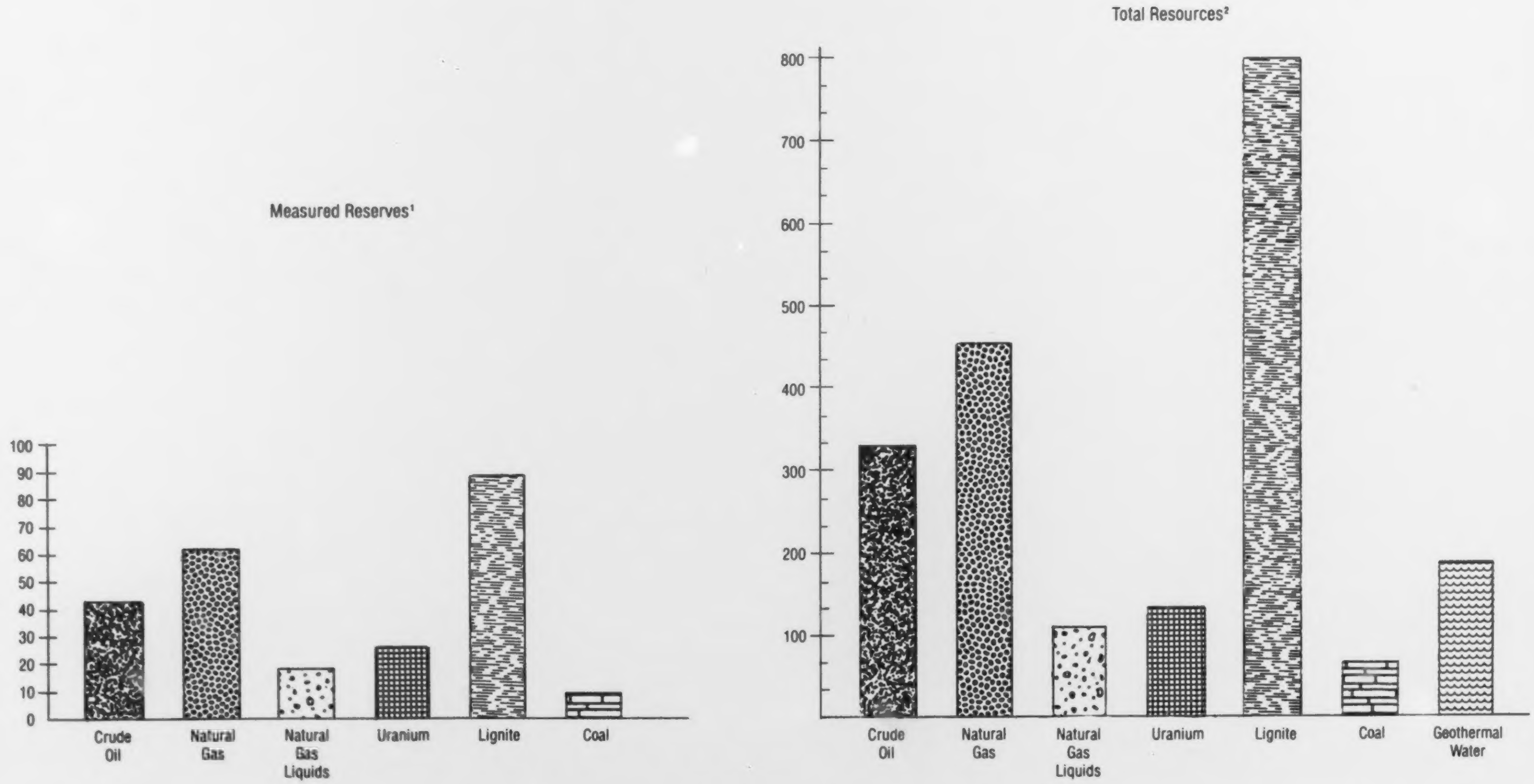
Note: Data may not add to totals shown due to rounding.

Source: American Gas Association, American Petroleum Institute, and Canadian Petroleum Association, *Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada and United States Productive Capacity* (annual volumes). Taken from: *Texas Energy History: 1978 Update*, Texas Energy Advisory Council, June 1979.

FIGURE V-5

1978 Texas Energy Reserves & Resources

(Quadrillion Btu)



[1] Reserves are quantities of energy which are known to exist with a significant degree of geologic assurance, and which can be recovered with existing technology under current conditions.

[2] Resources 1) are either known with significantly less degree of geologic certainty, or 2) can be extracted only under more favorable economic conditions, or 3) are retrievable only by use of improved technology, or 4) have all three of these characteristics.

Source: Texas Energy and Natural Resources Advisory Council.

TABLE V-7

Texas Gross Energy Production

(Trillion Btu)

Year	Crude Oil	Natural Gas[1]	Lignite	Total[2]
1952	5928.41	4562.59	.00	10490.99
1953	5911.15	4821.47	.00	10732.62
1954	5650.79	5006.36	18.20	10675.35
1955	6109.12	5203.88	21.00	11334.00
1956	6425.29	5499.88	26.60	11951.76
1957	6228.43	5671.84	29.40	11929.66
1958	5452.96	5695.88	25.20	11174.04
1959	5637.47	6290.89	30.80	11959.16
1960	5379.38	6481.97	29.40	11890.75
1961	5447.31	6559.97	29.40	12036.67
1962	5471.30	6688.23	29.40	12188.93
1963	5671.44	6825.54	30.80	12527.78
1964	5739.24	7178.21	32.20	12949.66
1965	5804.34	7300.21	33.60	13138.15
1966	6134.69	7649.17	32.20	13816.06
1967	6495.78	7907.79	30.80	14434.37
1968	6573.60	8244.96	32.20	14850.76
1969	6680.29	8638.52	30.80	15349.61
1970	7248.24	9193.49	29.40	16471.13
1971	7092.97	9405.78	28.00	16526.75
1972	7549.77	9523.62	56.63	17130.03
1973	7509.09	9365.23	97.22	16971.54
1974	7320.33	8987.88	107.58	16415.78
1975	7087.19	8234.34	154.03	15475.56
1976	6899.23	7911.04	196.88	15007.15
1977	6599.70	7756.13	222.11	14577.94
1978	6229.49	7203.00	269.78	13702.27

[1] Includes natural gas liquids.

[2] Data may not add to totals shown due to rounding.

Source: Computed by Texas Energy Advisory Council. Taken from *Texas Energy History: 1978 Update*, TEAC, June 1979.

TABLE V-8

Texas Gross Energy Production—Crude Oil, Gas and Lignite

(Physical Units)

Year	Natural Gas Gross Withdrawals (Million Cubic Feet)			Lignite Production[4] (Thousand Short Tons)	Total Production of Crude Oil[2] (Thousand Barrels)
	From Gas Wells	From Oil Wells	Total[1]		
1952	3,779,100	1,507,700	5,286,800	0	1,022,139
1953	3,835,000	1,624,000	5,459,000	0	1,019,164
1954	4,020,000	1,600,000	5,620,000	1,300	974,275
1955	4,100,000	1,736,000	5,836,000	1,500	1,053,297
1956	4,196,000	1,793,000	5,989,000	1,900	1,107,808
1957	4,251,000	1,850,000	6,101,000	2,100	1,073,867
1958	4,417,000	1,666,000	6,083,000	1,800	940,166
1959	5,037,000	1,714,000	6,751,000	2,200	971,978
1960	5,307,600	1,657,300	6,964,900	2,100	927,479
1961	5,353,000	1,667,100	7,020,100	2,100	939,191
1962	5,551,500	1,647,300	7,198,800	2,100	943,328
1963	5,769,300	1,683,000	7,452,300	2,200	977,835
1964	5,914,700	1,707,300	7,622,000	2,300	989,525
1965	6,052,200	1,688,400	7,740,600	2,400	1,000,749
1966	5,784,515	2,150,348	7,934,863	2,300	1,057,706
1967	6,280,148	2,011,361	8,291,509	2,200	1,119,962
1968	6,477,441	2,088,647	8,566,088	2,300	1,133,380
1969	6,800,882	2,113,912	8,914,794	2,200	1,151,775
1970	7,165,388	2,233,138	9,398,526	2,100	1,249,697
1971	7,327,186	2,191,458	9,518,644	2,000	1,222,926
1972	7,409,894	2,140,575	9,550,469	4,045	1,301,685
1973	7,282,804	2,007,141	9,289,945	6,944	1,294,671
1974	7,029,873	1,829,171	8,859,044	7,684	1,262,126
1975	6,463,095	1,525,678	7,988,773	11,002	1,221,929
1976	6,213,395	1,452,537	7,665,932	14,063	1,189,523
1977	6,090,074	1,405,839	7,495,913	15,865	1,137,880
1978	5,612,336	1,375,507	6,987,843	19,270[3]	1,074,050

[1] Equals marketed production plus quantities vented and flared and used for repressuring.

[2] Includes lease condensate.

[3] Preliminary.

[4] Rough estimates.

Source: U.S. Department of Interior, Bureau of Mines, *Minerals Yearbook* (annual volumes) and U.S. Department of Energy, Energy Information Administration, Annual Natural Gas Statement, Annual Petroleum Production, and Weekly Coal Report. Taken from: *Texas Energy History: 1978 Update*. Texas Energy Advisory Council. June 1979.

TABLE V-9

Oil and Gas Production

from State Lands[1] 1970-1979

Fiscal Year	Oil and Condensate Production (million barrels)	Marketed Production of Natural Gas[2] (billion cubic feet)
1970	79.19	709.3
1971	78.63	754.3
1972	74.63	771.1
1973	70.79	771.0
1974	69.04	776.0
1975	66.33	798.1
1976	63.66	778.4
1977	72.77	756.2
1978	72.27	728.6
1979[3]	74.72	637.9

[1] Includes Public Free School and University Lands. Figures have been statistically adjusted to compensate for reporting discrepancies.

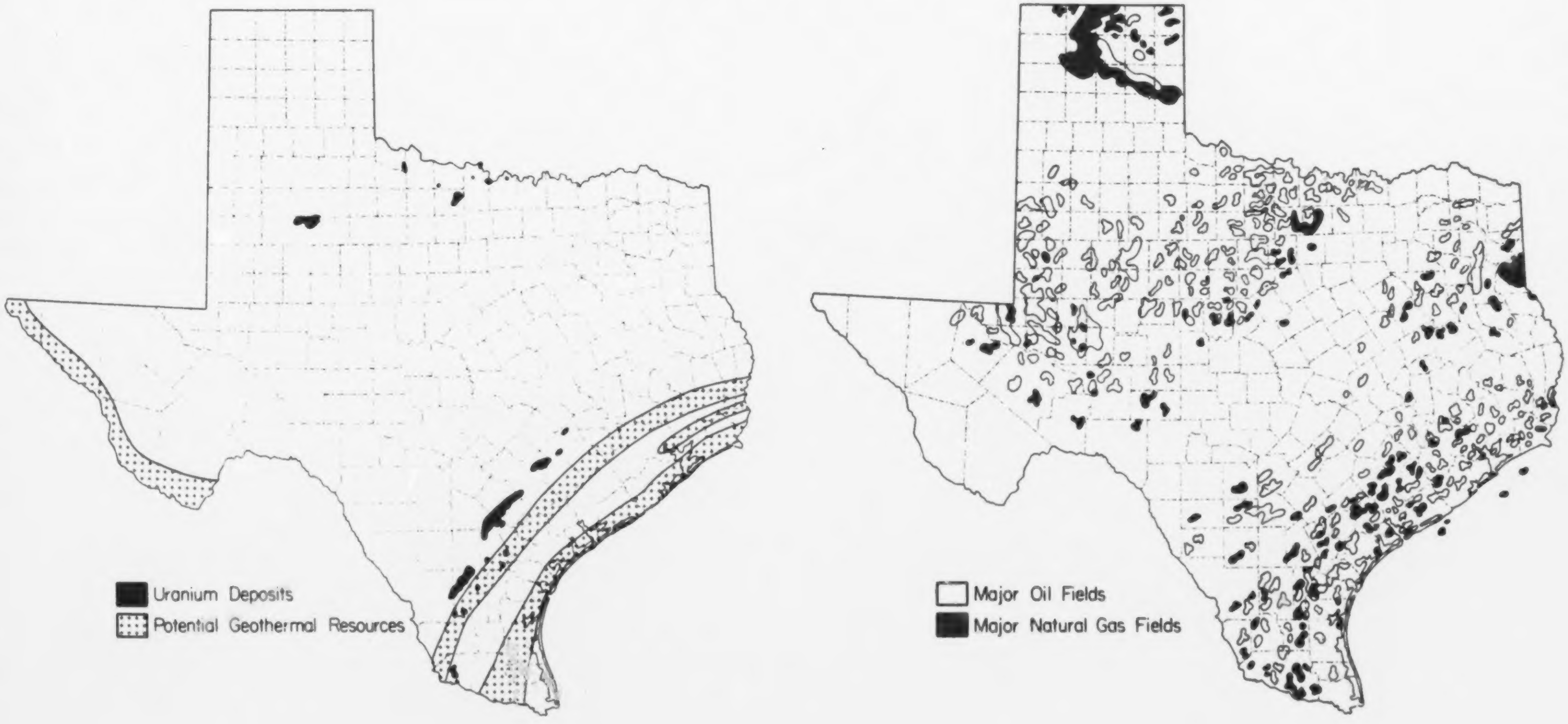
[2] Gas well and casinghead gas.

[3] Preliminary.

Source: General Land Office, Energy Resources Division, March 1980.

FIGURE V-6

Energy Resources


■ Uranium Deposits
▨ Potential Geothermal Resources
☐ Major Oil Fields
■ Major Natural Gas Fields

Source: Bureau of Business Research, *Texas Atlas*, Abingast et.al., 1976.

TABLE V-10

Texas Oil and Gas Drilling Activity

	1950	1955	1960	1965	1970	1975	1979
Drilling Applications							
Regular	16,921	24,225	15,601	14,227	11,034	20,293	29,241
Rule 37	2,218	2,480	1,376	1,773	1,761	2,302	2,809
Total Holes Drilled					8,757	13,449	16,233
Total Completions[1]	15,975^{E}	23,540^{E}	17,342^{E}	14,433^{E}	9,438^{E}	14,393^{E}	17,509^{E}
Oil	10,660	15,075	9,666	6,902	4,987	7,004	8,487
Discovery	562^{E}	415^{E}	358^{E}	313^{E}	314^{E}	479	522
Existing Field	10,098^{E}	14,660^{E}	9,308^{E}	6,589^{E}	4,673^{E}	6,525	7,965
Gas	739	1,213	2,011	2,383	1,796	3,396	5,319
Discovery	79^{E}	89^{E}	93^{E}	569^{E}	500^{E}	769	1,194
Existing Field	660^{E}	1,124^{E}	1,918^{E}	1,814^{E}	1,296^{E}	2,627	4,125
Dry	4,576	7,252	5,665	5,148	2,655	3,993	3,703
Discovery	2,429	3,982	3,130	2,545	1,717	2,647	2,245
Existing Field	2,147^{E}	3,270^{E}	2,535^{E}	2,603^{E}	938	1,346	1,458

Blanks = Figures not available. E = Estimate.

[1] For information on multiples, see source. Service figures not included in estimates.

Source: Annual Report of the Oil and Gas Division (selected years) Texas Railroad Commission.

TABLE V-12

Crude Oil and Petroleum Product Pipelines in Texas

	1950	1960	1970	1978
Number of Common Carrier Companies[1]	NA	48	46	125
Miles of Crude Oil Trunk Lines	29,267	24,787	30,000	25,441
Miles of Product Lines	2,221	6,385	14,200	22,265

[1] Only common carrier companies submit data to the Oil and Gas Division. Due to the power of eminent domain given to these companies, they control over 90 percent of all pipelines.

Source: Railroad Commission of Texas, Oil and Gas Division, *Annual Reports*.

TABLE V-11

Average Depth (Feet) And Cost (Current Dollars) Of Wells Drilled

	OIL		GAS		DRY		TOTAL	
	Depth	Cost	Depth	Cost	Depth	Cost	Depth	Cost
1966	4,342	48,165	7,450	162,162	4,985	55,967	4,919	63,342
1967	4,400	51,497	7,730	194,990	5,149	56,311	5,053	68,863
1968	4,246	51,134	7,922	199,326	5,490	67,091	5,116	72,686
1969	4,335	55,413	7,798	212,415	5,596	75,691	5,205	79,830
1970	4,619	56,458	8,259	261,294	5,485	76,283	5,319	85,113
1971	4,737	62,689	7,988	233,675	5,388	71,882	5,340	85,378
1972	4,442	60,555	7,649	214,559	5,505	76,577	5,259	87,280
1973	4,868	76,710	7,177	209,692	5,603	93,077	5,577	108,272
1974	4,400	95,009	6,981	248,804	5,518	148,708	5,278	142,793
1975	4,331	117,298	6,986	317,071	5,427	177,951	5,159	172,761
1976	4,563	136,950	7,130	372,811	5,386	210,076	5,386	209,230
1977	4,559	153,503	6,895	405,031	5,541	229,797	5,402	234,715
1978	4,612	183,593	7,139	507,413	5,637	269,639	5,551	288,383

Source: *Joint Association Survey of the U.S. Oil and Gas Producing Industry, Section 1: Drilling Costs*, (annual volumes), sponsored by American Petroleum Institute, Independent Petroleum Association of America, Mid-Continent Oil and Gas Association. Taken from: *Texas Energy History: 1978 Update*, Texas Energy Advisory Council, June 1979.

TABLE V-13

Natural Gas Pipelines in Texas

	1950	1960	1970	1978
Number of Companies[1]	77	111	155	258
Miles of Transmission Lines	17,627.95	34,969.21	58,336.33	67,259.48

[1] Companies included here are wholesalers only.

Source: Railroad Commission of Texas, Gas Utilities Division, *Annual Reports*.

TABLE V-14

Rate for Transportation of Oil By Pipeline in Texas

(cents per barrel)

Location	1950	1960	1970	1978
East Central Texas	10.0-12.5	12.5-17.5	6.0-11.5	6.0 -33.0
East Texas	22.5	5.0-10.0	7.0-20.0	6.0 -85.0
Panhandle	5.0-10.0	22.5-25.0	20.5	10.5 -43.5
Southwest Texas	17.5	20.0	5.0-23.0	5.0 -58.0
Texas Gulf Coast	20.0	20.0-22.5	2.0-18.5	0.55-25.5
West Central Texas	5.0- 7.5	5.0-12.5	10.0-18.5	10.0 -43.5
West Texas	10.0	10.0	13.0-21.0	13.0 -58.8

Source: Railroad Commission of Texas, Oil and Gas Division, *Annual Reports*.

TABLE V-15

Average Wellhead Value of Crude Oil and Natural Gas

Year	Crude Oil (Dollars/ Barrel)	Natural Gas (Cents/mcf)		
		Total Sales	Interstate Sales	Intrastate Sales
1952	2.58	6.2	—	—
1953	2.73	7.6	8.4	6.4
1954	2.84	8.5	9.3	7.3
1955	2.84	8.0	9.9	4.9
1956	2.83	8.7	10.4	5.8
1957	3.11	9.7	10.8	7.8
1958	3.06	10.0	11.5	7.3
1959	2.98	10.8	12.4	8.2
1960	2.96	11.3	13.6	7.8
1961	2.97	12.3	14.4	9.1
1962	2.99	12.3	14.6	9.2
1963	2.97	12.5	14.8	9.5
1964	2.96	12.4	14.9	9.0
1965	2.96	12.9	15.0	10.4
1966	2.97	13.0	15.2	10.4
1967	3.01	13.2	15.4	10.6
1968	3.04	13.5	15.6	11.1
1969	3.21	13.7	15.9	11.2
1970	3.28	14.4	16.7	12.1
1971	3.48	16.1	17.9	14.4
1972	3.48	16.4	19.1	13.9
1973	3.98	20.4	21.4	19.5
1974	6.95	31.1	26.9	34.7
1975	7.64	51.9	38.3	62.8
1976	8.59	71.8	43.6	91.2
1977	8.78	90.3	54.7	105.9
1978[1]	11.92	99.5	63.4	113.3
1979[1] [2]	16.31	118.6	91.4	131.2
1980	17.65			

[1] Prices reported in Texas, state average.

[2] Calendar year, 1979: December figures are preliminary.

Sources: Crude Oil and Total Natural Gas Sales: U.S. Department of Interior, Bureau of Mines, *Minerals Yearbook* (annual volumes) and U.S. Department of Energy, Energy Information Administration, Annual Petroleum Statement and Annual Natural Gas Statement. Interstate Sales: Federal Power Commission, Sales by Producers of Natural Gas to Interstate Pipeline Companies, 1972-75. 1978-80 prices: Texas Comptroller of Public Accounts. 1980 figure is from January. 1980 uncontrolled oil price is reported at $39.50/bbl. Taken from: *Texas Energy History: 1978 Update*, Texas Energy Advisory Council, June 1979.

TABLE V-16

Maximum Lawful Natural Gas Prices

February – April 1980

Natural Gas Policy Act Section	Category of Gas	Dec. 1978	Feb. 1980	Mar. 1980	Apr. 1980
		(¢/MMBtu)			
102	New natural gas, certain OCS gas	$2.078	$2.381	$2.404	$2.428
103	New onshore production wells	1.969	2.137	2.186	2.204
106 (b) (1) (B)	Intrastate rollover gas (alternative maximum lawful price)[1]	1.121	1.238	1.247	1.250
107	High cost gas (below 15,000 feet only)	2.078	2.381	2.404	2.420
108	Stripper well gas	2.224	2.548	2.573	2.598
109	Not otherwise covered	1.630	1.799	1.812	1.825
	Gas Committed to Interstate Commerce on 11/8/78				
104	Post-1974 gas (all producers)	1.630	1.799	1.812	1.825
104	1973-1974 biennium gas				
	Small producers	1.379	1.521	1.532	1.543
	Large producers	1.058	1.168	1.176	1.184
106 (a)	Interstate rollover gas				
	Small producers	0.702	0.728	0.728	0.728
	Large producers	0.603	0.664	0.669	0.674
104	Replacement contract or recompletion gas				
	Small producers	0.771	0.853	0.859	0.865
	Large producers	0.593	0.652	0.657	0.662
104	Flowing gas				
	Small producers	0.393	0.434	0.437	0.440
	Large producers	0.332	0.364	0.367	0.370
104	Certain Permian Basin gas				
	Small producers	0.462	0.508	0.512	0.516
	Large producers	0.405	0.446	0.449	0.452
104	Certain Rocky Mountain gas				
	Small producers	0.462	0.508	0.512	0.516
	Large producers	0.393	0.434	0.437	0.440
104	Appalachian area gas				
	North subarea contracts dated after 10/7/69	0.368	0.406	0.409	0.412
	Other contracts	0.344	0.382	0.385	0.388
	Minimum rate gas (all producers)[2]	0.203	0.222	0.224	0.226

[1] Section 106 (b) (1) (B) establishes a maximum lawful price of $1.00/MMBtu (as of April 1977) plus the monthly inflation adjustment for intrastate rollover contracts if this price is higher than the maximum price paid under the expired contract, adjusted for inflation.

[2] Prices stated in ¢/Mcf.

Source: *Foster Report*, No. 1246, January 31, 1980. From NGPA Section of the Oil and Gas Division, Texas Railroad Commission.

TABLE V-17

Texas Crude Oil Imports And Exports[1]

(Thousand Barrels)

Year	Imports: From Interstate Sources	Imports: From Foreign Sources	Imports: Total	Exports: Crude Oil Produced in Texas	Net Exports[2]
1952	111,025	3,464	114,489	450,294	335,805
1953	127,156	1,866	129,022	455,879	326,857
1954	112,516	3,186	115,702	410,756	295,054
1955	118,372	9,615	127,987	415,368	287,381
1956	126,530	10,706	137,236	434,885	297,649
1957	130,067	7,050	137,117	406,675	269,558
1958	146,952	14,541	161,493	384,176	222,683
1959	163,771	8,611	172,382	387,145	214,763
1960	185,285	1,037	186,322	338,879	152,557
1961	190,221	641	190,862	341,708	150,846
1962	211,463	121	211,584	320,154	108,570
1963	221,649	277	221,926	343,686	121,760
1964	215,178	19	215,197	335,900	120,703
1965	229,036	0	229,036	347,317	118,281
1966	253,425	0	253,425	384,523	131,098
1967	251,465	0	251,465	407,292	155,827
1968	264,682	0	264,682	405,935	141,253
1969	251,444	0	251,444	391,718	140,274
1970	246,687	0	246,687	456,718	210,031
1971	250,103	17,707	267,810	444,124	176,314
1972	228,246	23,552	251,798	435,199	183,401
1973	181,943	128,872	310,815	428,146	117,331
1974	158,596	227,065	385,661	437,541	51,880
1975	138,001	308,619	446,620	431,517	-15,103
1976	123,976	456,114	580,090	455,937	-124,153
1977	125,961	594,507	720,468	424,265	-296,203
1978	138,137	651,537	789,674	397,967	-391,707

[1] Reported as "Refinery Receipts" by Bureau of Mines.
[2] Net exports is total exports minus total imports.

Source: U.S. Department of Interior, Bureau of Mines, *Minerals Yearbook* (annual volumes) and U.S. Department of Energy, Energy Information Administration, Annual Petroleum Statement. Taken from: *Texas Energy History: 1978 Update*, Texas Energy Advisory Council, June 1979.

TABLE V-18

Texas Natural Gas Imports and Exports

(Million Cubic Feet)

Year	Imports	Exports	Net Exports[1]
1952	66,326	1,997,633	1,931,307
1953	104,347	2,242,504	2,138,157
1954	110,183	2,419,693	2,309,510
1955	103,934	2,564,598	2,460,664
1956	117,333	2,752,071	2,634,738
1957	137,923	2,743,410	2,605,487
1958	146,244	2,700,103	2,553,859
1959	161,239	2,964,864	2,803,625
1960	102,740	2,952,291	2,849,551
1961	77,900	2,969,731	2,891,831
1962	79,661	2,909,624	2,829,963
1963	102,501	2,948,716	2,846,215
1964	96,634	3,180,381	3,083,747
1965	80,162	3,178,820	3,098,658
1966	228,644	3,395,393	3,166,749
1967	323,801	3,528,253	3,204,452
1968	435,771	3,759,024	3,323,253
1969	485,293	3,993,263	3,507,970
1970	554,406	4,299,426	3,745,020
1971	566,763	4,217,195	3,650,432
1972	558,825	4,300,891	3,742,066
1973	551,332	3,941,863	3,390,531
1974	536,614	3,766,251	3,229,637
1975	544,730	3,622,568	3,077,838
1976	634,907	3,397,017	2,762,110
1977	814,688	3,250,084	2,435,396
1978	673,642	2,528,006	1,854,364

[1] Net exports is total exports minus total imports.

Source: U.S. Department of Interior, Bureau of Mines, *Minerals Yearbook* (annual volumes) and U.S. Department of Energy, Energy Information Administration, Annual Natural Gas Statement. Taken from: *Texas Energy History, 1978 Update*, Texas Energy Advisory Council, June 1979.

TABLE V-19

Number and Capacity of Texas Petroleum Refineries[1]

Year	Total Number of Petroleum Refineries	Capacity, as of January 1 (Barrels per Calendar Day): Crude Oil Throughput Capacity	Capacity, as of January 1 (Barrels per Calendar Day): Gasoline Output Capacity
1953	62	2,142,537	619,234
1954	61	2,151,037	657,169
1955	57	2,273,450	741,763
1956	54	2,345,800	774,407
1957	56	2,508,400	853,714
1958	56	2,573,900	896,580
1959	58	2,650,442	975,195
1960	59	2,631,820	1,032,935
1961	60	2,657,890	1,007,006
1962	62	2,724,100	9,948,56
1963	60	2,735,250	1,012,574
1964	59	2,826,550	1,042,355
1965	56	2,820,015	1,037,245
1966	55	2,790,102	1,049,125
1967	53	2,800,732	1,274,665
1968	53	3,096,464	1,357,265
1969	51	3,143,179	1,475,745
1970	51	3,282,542	1,552,745
1971	51	3,556,278	1,646,685
1972	50	3,555,358	1,761,205
1973	46	3,569,858	1,850,395
1974	48	3,807,746	1,850,595
1975	49	3,995,050	1,854,316
1976	51	4,005,550	1,881,166
1977	50	4,296,387	1,913,528
1978	56	4,695,370	2,076,061
1979	59	4,811,050	2,070,105

[1] Includes operating and shutdown refineries and capacity.

Source: U.S. Department of Interior, Bureau of Mines, and U.S. Department of Energy, Energy Information Administration, Petroleum Refineries, Annual (annual issues). Taken from: *Texas Energy History, 1978 Update*, Texas Energy Advisory Council, June 1979.

TABLE V-20

Texas Refinery Receipts of Crude Oil

(Thousand Barrels)

Year	Origin			Total
	Intrastate	Interstate	Foreign	
1952	566,160	111,025	3,464	680,649
1953	583,455	127,156	1,866	712,477
1954	586,474	112,516	3,186	702,176
1955	636,406	118,372	9,615	764,393
1956	679,532	126,530	10,706	816,768
1957	650,166	130,067	7,050	787,283
1958	573,564	146,952	14,541	735,057
1959	605,258	163,771	8,611	777,640
1960	615,312	185,285	1,037	801,634
1961	608,821	190,221	641	799,683
1962	626,794	211,463	121	838,378
1963	652,742	221,649	277	874,668
1964	683,007	215,178	19	898,204
1965	659,968	229,036	0	889,004
1966	669,674	253,425	0	923,099
1967	710,489	251,465	0	961,954
1968	735,130	264,682	0	999,812
1969	766,763	251,444	0	1,018,207
1970	794,407	246,687	0	1,041,094
1971	796,387	250,103	17,707	1,064,197
1972	860,768	228,246	23,552	1,112,566
1973	863,495	181,943	128,872	1,174,310
1974	803,030	158,596	227,065	1,188,691
1975	765,811	138,001	308,619	1,212,431
1976	727,736	123,976	456,114	1,307,826
1977	709,541	125,961	594,507	1,430,009
1978	673,532	138,137	651,537	1,463,206

Source: U.S. Department of Interior, Bureau of Mines, *Minerals Yearbook* (annual volumes) and U.S. Department of Energy, Energy Information Administration, Annual Petroleum Statement. Taken from: *Texas Energy History, 1978 Update*, TEAC, June 1979.

TABLE V-21

Texas Refinery Output

(Thousand Barrels)

Year	Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Other	Total
1952	328,134	—	160,026	105,448	127,711	721,319
1953	352,132	18,927	161,337	101,117	126,121	759,634
1954	353,317	19,012	159,269	91,746	127,905	751,249
1955	380,474	16,935	183,973	96,896	140,223	818,501
1956	407,222	17,963	203,977	100,912	146,980	877,054
1957	407,093	18,543	198,803	91,592	137,845	853,876
1958	397,935	23,588	179,355	77,245	128,687	806,810
1959	419,042	29,305	186,948	65,605	159,519	860,419
1960	437,812	27,460	185,901	58,629	182,783	892,585
1961	430,718	27,637	198,680	53,250	181,130	891,415
1962	461,077	32,030	212,646	42,460	193,180	941,393
1963	456,151	28,635	228,134	40,386	239,150	992,456
1964	465,815	33,027	220,120	36,591	257,807	1,013,360
1965	465,567	51,728	226,104	39,590	229,157	1,012,146
1966	489,937	61,617	223,924	40,682	244,888	1,061,048
1967	495,457	78,363	235,905	44,492	243,395	1,097,612
1968	511,362	84,120	252,329	45,898	259,876	1,153,585
1969	534,286	86,681	237,925	40,357	272,851	1,172,100
1970	562,122	81,013	254,623	41,233	262,543	1,201,534
1971	598,415	78,298	250,551	40,514	267,486	1,235,264
1972	609,515	80,313	261,614	41,290	279,703	1,272,435
1973	617,666	80,831	275,367	58,770	295,193	1,327,827
1974	609,897	76,435	274,623	87,180	285,842	1,333,977
1975	628,390	75,065	270,914	101,856	267,498	1,343,723
1976	648,273	81,433	297,489	114,010	301,667	1,442,872
1977	674,045	84,981	341,273	153,014	344,925	1,598,238
1978	690,320	89,986	307,912	154,790	373,527	1,616,535

Source: U.S. Department of Interior, Bureau of Mines, *Minerals Yearbook* (annual volumes) and U.S. Department of Energy, Energy Information Administration, Annual Petroleum Statement. Taken from: *Texas Energy History, 1978 Update*, TEAC, June 1979.

TABLE V-22

Texas Natural Gas Delivered to Consumers

(Million Cubic Feet)

Year	Type of Consumer Residential	Commercial	Industrial	Electric Utilities	Other Consumers[1]	Total
1952	101,276	48,576	966,128	223,507		1,339,667
1953	104,610	45,429	966,224	251,665		1,367,928
1954	112,778	46,646	934,484	257,151		1,351,059
1955	124,379	53,245	971,584	273,280		1,422,488
1956	129,476	53,084	1,095,666	321,639		1,599,865
1957	162,148	56,302	1,137,165	339,279		1,694,894
1958	167,663	62,194	1,114,681	351,319		1,695,857
1959	169,015	66,197	1,281,708	379,283		1,896,203
1960	171,670	59,728	1,330,043	407,310		1,968,751
1961	166,188	62,334	1,295,486	420,803		1,944,811
1962	196,433	67,868	1,268,521	491,184		2,024,006
1963	198,263	74,975	1,245,231	553,978		2,072,447
1964	193,093	81,350	1,221,924	605,725		2,102,092
1965	182,590	80,612	1,444,922	638,603		2,346,727
1966	196,355	88,470	1,626,033	701,237		2,612,095
1967	201,407	90,614	1,701,781	774,033		2,767,835
1968	211,763	91,010	1,744,663	852,173		2,899,609
1969	220,728	92,071	1,714,167	973,423	48,783	3,049,172
1970	232,189	94,471	1,789,533	1,059,816	51,619	3,227,628
1971	237,387	97,702	1,933,233	1,167,821	44,721	3,480,864
1972	240,662	94,036	1,839,243	1,285,113	47,092	3,506,146
1973	241,478	103,374	2,031,210	1,260,894	51,696	3,688,652
1974	222,603	91,008	1,860,637	1,334,837	43,410	3,552,495
1975	232,320	81,836	1,396,790	1,353,290	34,913	3,099,149
1976	235,637	83,020	1,423,829	1,378,483	52,432	3,173,401
1977	269,964	108,018	1,427,205	1,488,223	50,665	3,344,075
1978	274,849	112,394	1,443,911	1,490,695	56,552	3,378,401

[1] Includes deliveries to municipalities and public authorities for institutional heating, street lighting, etc. Category did not exist until 1969.

Source: U.S. Department of Interior, Bureau of Mines, *Minerals Yearbook* (annual volumes) and U.S. Department of Energy, Energy Information Administration, Annual Natural Gas Statement. Taken from: *Texas Energy History: 1978 Update*, TEAC, June 1979.

TABLE V-23

Texas

Average Price Paid by Customers of Gas Utilities[1]

(Dollars per mcf)

Year	Type of Customer Residential	Commercial	Industrial	Other	Average
1952	.66	.45	.12	.17	.28
1953	.64	.49	.14	.19	.30
1954	.74	.50	.14	.19	.33
1955	.73	.50	.15	.21	.33
1956	.75	.51	.16	.22	.34
1957	.76	.53	.17	.23	.37
1958	.76	.53	.18	.26	.37
1959	.78	.55	.18	.30	.40
1960	.80	.56	.19	.27	.40
1961	.83	.58	.20	.28	.42
1962	.79	.56	.21	.27	.41
1963	.85	.57	.22	.28	.42
1964	.85	.58	.22	.30	.44
1965	.87	.57	.24	.31	.50
1966	.86	.57	.24	.32	.51
1967	.88	.57	.25	.31	.51
1968	.89	.56	.25	.31	.51
1969	.91	.56	.25	.33	.51
1970	.97	.53	.28	.32	.54
1971	1.03	.62	.28	.38	.55
1972	1.04	.56	.29	.37	.54
1973	1.06	.65	.33	.43	.59
1974	1.19	.88	.58	.69	.79
1975	1.51	1.32	1.02	1.07	1.22
1976	2.03	1.87	1.48	1.47	1.74
1977	2.43	2.11	1.85	1.76	2.05
1978	2.68	2.29	2.11	2.02	2.28

[1] Does not include prices paid by customers of municipally owned gas utilities.

Source: Texas Railroad Commission, Gas Utilities Division, *Annual Report* (annual volumes).

TABLE V-24

Gasoline Prices[1]

(Cents per Gallon)

Year	Houston	Dallas	Amarillo	San Antonio
1966	19.9	19.9	19.9	19.9
1967	20.9	20.9	20.9	20.9
1968	20.9	20.9	21.9	20.9
1969	21.9	21.9	21.9	21.9
1970	31.9	31.9	31.9	31.9
1971	33.9	33.9	33.9	33.9
1972	33.9	33.9	33.9	33.9
1973	31.9	31.9	33.9	31.9
1974	37.9	37.9	37.9	37.9
1975	48.6	48.6	48.1	48.1
1976	52.9	53.3	52.8	52.8
1977	52.4	52.8	52.3	51.3
1978	53.5	54.9	54.4	52.4
1979	61.4	61.9	62.7	59.4
1980	117.3	116.5	113.4	114.6

[1] Pump price for major-brand regular, including tax. Prices as of first week in January.

Source: Petroleum Publishing Company, *The Oil and Gas Journal* (weekly issues). 1980 data from Austin office, American Automobile Association, from their March 14 gasoline price survey. Price for full service, regular gasoline.

TABLE V-25

Texas Gross Energy Consumption (Trillion Btu)

Year	Fuel Type Gasoline	Residual	Distillate	Diesel	Jet Fuel	LPG	Kerosene	Coal	Natural Gas	Nuclear	Hydro	Other[1]	Total
1960	477.65	138.96	101.17	40.47	57.26	87.29	19.19	57.90	1904.23	0.00	11.46	816.31	3711.89
1961	490.13	134.77	90.72	36.24	63.68	85.70	21.69	52.68	2007.05	.00	12.83	837.77	3833.25
1962	504.18	117.64	92.83	46.73	74.75	85.60	8.25	54.42	2151.94	.00	8.32	883.92	4028.58
1963	524.96	109.93	92.17	48.17	78.95	88.56	11.60	52.98	2206.44	.00	4.97	954.48	4173.20
1964	553.35	110.08	91.61	48.18	79.45	112.50	20.05	62.74	2237.73	.00	4.72	1014.27	4334.68
1965	573.17	86.58	92.80	54.45	86.22	128.44	19.62	61.05	2491.51	.00	7.73	924.70	4526.29
1966	600.96	83.99	90.35	45.43	95.73	117.91	19.19	61.55	2765.42	.00	8.18	998.48	4887.19
1967	626.17	85.49	93.30	40.80	118.09	112.81	39.85	58.58	3596.77	.00	6.02	1078.99	5856.87
1968	671.66	86.65	85.77	56.69	135.47	126.67	39.56	59.16	3814.68	.00	13.80	1177.58	6267.69
1969	714.08	88.71	101.31	72.22	140.62	150.26	42.25	59.42	4001.45	.00	13.28	1343.26	6726.86
1970	751.17	90.78	110.37	78.35	135.09	140.01	42.52	66.89	4224.34	.00	10.55	1396.77	7046.86
1971	796.11	76.73	121.60	81.60	133.39	136.04	32.44	57.65	4504.39	.00	9.19	1388.94	7338.08
1972	856.48	86.45	166.05	104.90	134.92	147.05	41.31	56.93	4553.83	.00	8.61	1547.17	7703.70
1973	909.42	183.63	214.02	121.31	137.64	137.02	49.38	131.81	4769.26	.00	17.66	1633.49	8304.63
1974	881.28	238.14	226.53	115.78	133.01	123.68	43.07	143.15	4606.32	.00	16.94	1615.48	8143.39
1975	928.42	258.22	196.33	125.57	141.27	115.04	42.04	180.47	4070.60	.00	19.97	1437.29	7515.21
1976	993.86	277.85	201.64	140.03	135.94	113.88	30.59	228.97	4102.52	.00	11.07	1575.49	7811.84
1977	1039.47	335.85	272.53	162.47	140.41	109.57	38.90	320.15	4276.60	.00	12.11	1687.09	8394.15

[1] Includes asphalt and road oil, petrocoke, and special fuels.

Source: Federal Energy Data System, Energy Information Administration, *Statistical Summary Update*, 1979.

TABLE V-26

Texas Transportation Energy Consumption (Physical Units)

Year	Fuel Type Gasoline Aviation gal (million)	Gasoline Highway gal (million)	Gasoline Marine gal (million)	Distillate bbl (million)	Diesel bbl (million)	Residual bbl (million)	LPG gal (million)	Jet Fuel gal (million)	Natural Gas cu.ft. (billion)	Elec. Purchased kwh (billion)
1960	94.06	3547.39	0.00	10.57	2.94	17.36	59.39	446.44	0.00	0.01
1961	83.80	3673.14	.00	10.86	2.85	15.19	57.09	495.03	.00	.01
1962	63.74	3817.27	.00	10.73	3.41	12.74	57.12	579.66	61.21	.01
1963	55.77	3995.71	.00	10.90	4.04	11.68	59.89	611.71	65.58	.01
1964	51.55	4235.28	.00	10.11	4.80	12.48	81.51	614.51	66.25	.00
1965	53.51	4395.98	.00	10.93	5.14	11.89	106.30	666.22	67.53	.00
1966	47.51	4607.19	33.17	10.53	3.86	11.45	100.30	737.46	67.53	.00
1967	46.77	4817.00	37.80	11.89	4.88	11.65	87.93	908.95	67.56	.00
1968	37.87	5186.08	39.51	8.98	8.68	11.75	94.15	1042.16	72.35	.00
1969	38.32	5534.30	42.35	11.30	9.48	11.79	111.90	1078.46	86.30	.00
1970	37.57	5841.07	44.25	12.01	10.43	11.64	103.42	1034.15	96.23	.00
1971	38.69	6192.37	49.83	12.79	10.92	9.63	101.13	1021.75	99.09	.00
1972	30.30	6694.10	51.55	16.12	13.99	9.73	112.02	1032.13	104.38	.00
1973	34.70	7111.66	54.31	18.48	16.51	15.72	105.12	1051.51	104.59	.00
1974	36.86	6885.19	54.25	20.76	15.84	21.63	93.47	1016.19	93.80	.00
1975	35.73	7260.85	59.92	19.26	17.21	25.76	82.24	1078.90	82.12	.00
1976	38.75	7734.51	58.82	18.61	19.23	27.99	78.26	1038.24	71.96	.00
1977	40.89	8137.69	54.65	20.75	21.60	33.15	76.15	1072.30	66.52	.00

Source: Federal Energy Data System, Energy Information Administration, *Statistical Summary Update*, 1979.

TABLE V-27

Texas Residential Energy Consumption (Physical Units)

	Fuel Type					
Year	Distillate bbl (million)	LPG gal (million)	Kerosene bbl (million)	Coal tons (million)	Natural Gas cu.ft. (billion)	Electricity Purchased kwh (billion)
1960	0.04	448.38	3.38	0.00	171.67	10.29
1961	.01	449.39	3.83	.00	166.19	10.47
1962	.02	452.97	1.45	.00	196.43	12.42
1963	.02	465.85	2.04	.00	198.26	14.12
1964	.02	565.96	3.54	.00	193.09	15.24
1965	.02	580.44	3.46	.00	182.59	16.56
1966	.02	527.95	3.38	.00	196.35	17.80
1967	.01	539.86	7.03	.00	201.41	19.72
1968	.02	621.86	6.98	.00	211.76	22.09
1969	.04	735.46	7.45	.00	220.73	26.00
1970	.05	684.73	7.50	.00	232.19	28.88
1971	.06	658.10	5.72	.00	237.39	31.30
1972	.09	682.68	7.28	.00	240.66	35.11
1973	.10	622.95	8.71	.00	241.48	37.15
1974	.11	552.93	7.60	.00	222.60	37.85
1975	.11	507.79	7.41	.00	232.32	40.18
1976	.14	519.63	5.39	.00	235.64	41.42
1977	.23	479.34	6.86	.00	269.96	46.84

Source: Federal Energy Data System, Energy Information Administration, *Statistical Summary Update*, 1979.

TABLE V-28

Texas Commercial Energy Consumption (Trillion Btu)

	Fuel Type								
Year	Gasoline	Residual	Distillate	Asphalt & Road Oil	LPG	Coal	Natural Gas	Electricity Purchased	Total
1960	3.95	2.02	10.99	44.00	4.76	0.05	61.64	33.95	161.35
1961	3.92	1.91	3.80	51.01	4.77	.03	64.33	41.62	171.40
1962	4.09	1.07	4.77	52.88	4.81	.03	70.04	43.98	181.66
1963	4.08	1.44	5.31	50.20	4.94	.02	77.37	49.60	192.97
1964	4.11	1.10	4.54	53.59	6.01	.02	83.95	53.35	206.68
1965	4.40	.34	5.80	55.63	6.16	.02	83.19	58.47	214.01
1966	4.27	.64	4.85	60.33	5.60	.02	91.30	63.30	230.31
1967	4.09	.67	4.09	63.78	5.73	.02	144.20	69.49	292.07
1968	4.69	1.13	6.02	67.49	6.60	.01	143.90	75.28	305.12
1969	4.53	3.62	12.14	71.19	7.80	.00	145.36	82.58	327.22
1970	4.10	3.48	15.10	83.72	7.27	.01	150.76	89.61	354.05
1971	3.71	3.19	16.59	79.30	6.98	.00	146.98	95.90	352.65
1972	3.64	4.22	25.59	78.89	7.24	.00	145.64	106.27	371.51
1973	3.69	7.26	27.66	80.63	6.61	.00	160.03	113.63	399.50
1974	3.93	16.66	30.83	81.98	5.87	.01	138.72	115.23	393.24
1975	3.88	23.86	32.09	55.46	5.39	.00	120.48	122.65	363.81
1976	10.08	24.85	38.91	46.02	5.51	.00	139.79	128.61	393.78
1977	5.87	19.49	65.25	39.45	5.09	.01	163.76	138.47	437.38

Source: Federal Energy Data System, Energy Information Administration, *Statistical Summary Update*, 1979.

TABLE V-29

Texas Industrial Energy Consumption (Trillion Btu)

	Fuel Type											
Year	Gasoline	Residual	Distillate	Diesel	LPG	Petrocoke	Coal	Coking Coal	Natural Gas	Special Fuels[1]	Elec. Purchased	Total
1960	18.68	27.56	28.18	23.32	34.04	0.00	38.68	19.09	1245.09	772.31	49.71	2256.65
1961	16.76	37.02	23.36	19.66	32.56	.00	38.71	13.88	1336.95	786.76	49.78	2355.44
1962	15.16	35.89	25.21	26.89	32.08	.00	36.89	17.44	1309.11	831.03	59.36	2389.07
1963	14.64	35.02	22.96	24.63	33.41	45.50	36.01	16.63	1285.08	858.78	65.21	2437.87
1964	13.60	30.33	27.78	20.20	44.66	44.46	38.99	23.38	1261.02	916.22	72.12	2492.76
1965	12.80	11.42	23.00	24.53	56.70	46.36	34.10	26.89	1491.16	822.71	79.88	2629.56
1966	10.93	11.18	23.06	22.93	52.31	44.63	35.90	25.60	1678.06	893.51	91.45	2890.37
1967	9.61	11.48	19.63	12.37	47.13	53.80	36.34	22.19	2371.25	961.40	100.92	3646.14
1968	9.29	11.44	18.90	6.16	51.69	56.57	36.24	22.90	2485.00	1053.52	113.69	3865.39
1969	7.95	10.70	22.76	16.97	61.53	55.88	34.54	24.87	2534.67	1216.19	127.11	4113.17
1970	6.99	11.42	24.67	17.61	57.48	55.19	36.50	30.37	2640.92	1257.87	136.81	4275.84
1971	7.58	9.14	29.88	17.96	56.54	54.49	34.96	22.68	2804.98	1255.15	145.58	4438.95
1972	6.17	17.89	38.75	23.39	63.91	58.65	33.08	23.84	2725.87	1409.63	158.91	4560.09
1973	5.99	42.93	46.62	25.12	60.88	69.20	38.31	25.73	2950.85	1463.66	171.65	4920.95
1974	5.64	50.73	44.21	23.50	56.08	67.64	43.46	23.71	2763.52	1465.86	178.95	4723.31
1975	4.98	52.10	39.94	25.29	53.31	69.30	35.63	26.32	2229.01	1312.53	178.25	4026.67
1976	4.77	64.81	45.09	28.04	51.27	70.77	38.87	16.93	2222.70	1458.70	195.63	4197.55
1977	4.45	90.39	73.80	36.62	51.44	74.36	44.34	18.22	2228.74	1573.28	220.46	4416.11

[1] Includes feedstocks, lubes and waxes, and still gas.

Source: Federal Energy Data System, Energy Information Administration, *Statistical Summary Update*, 1979.

TABLE V-30

Texas Electric Utility Energy Consumption and Sales

(Trillion Btu)

	Fuel Type							Total Electricity
Year	Residual	Distillate	Coal	Natural Gas	Nuclear	Hydro	Total	Sales
1960	0.20	0.21	0.00	420.34	0.00	11.46	432.21	118.81
1961	.33	.22	.00	434.27	.00	12.83	447.64	127.15
1962	.55	.26	.00	506.90	.00	8.32	516.03	145.76
1963	.05	.31	.27	571.70	.00	4.97	577.30	163.02
1964	.21	.27	.30	625.11	.00	4.72	630.61	177.49
1965	.05	.24	.00	659.04	.00	7.73	667.06	194.88
1966	.16	.22	.00	723.68	.00	8.18	732.23	215.48
1967	.08	.22	.00	798.80	.00	6.02	805.12	237.70
1968	.21	8.42	.00	879.44	.00	13.80	901.87	264.36
1969	.29	.33	.00	1004.57	.00	13.28	1018.47	298.39
1970	2.69	.32	.00	1093.73	.00	10.55	1107.29	324 98
1971	3.84	.27	.00	1205.19	.00	9.19	1218.49	348.27
1972	3.18	7.27	.00	1326.23	.00	8.61	1345.30	384.96
1973	34.63	31.55	67.76	1301.24	.00	17.66	1452.84	412.02
1974	34.75	29.94	75.96	1377.55	.00	16.94	1535.15	423.32
1975	20.29	11.44	118.51	1396.60	.00	19.97	1566.80	438.00
1976	12.24	8.43	173.17	1422.59	.00	11.07	1627.52	465.57
1977	17.53	11.27	257.56	1535.85	.00	12.11	1834.33	518.75

Source: Federal Energy Data System, Energy Information Administration, *Statistical Summary Update*, 1979.

TABLE V-31

Consumption of Fuels

by Texas Electric Utilities

Year	Coal (Thousand Tons)[1]	Fuel Oil (Thousand Barrels)	Natural Gas (Million Cubic Feet)
1960	—	604	407,013
1961	—	554	420,803
1962	—	1,037	491,218
1963	—	856	553,954
1964	—	513	605,780
1965	—	471	638,603
1966	—	610	701,237
1967	—	501	774,033
1968	—	771	851,010
1969	—	966	973,423
1970	—	149	1,059,816
1971	9	342	1,167,821
1972	2,239	1,797	1,285,114
1973	4,731	6,269	1,265,660
1974	5,196	5,491	1,334,837
1975	9,044	1,808	1,352,526
1976	12,351	3,864	1,349,059
1977	16,510	5,084	1,488,818
1978	25,110	6,913	1,490,695

[1] Consumption of coal in the 1960's was negligible.

Source: Federal Power Commission, Electric Power Statistics (monthly issues) and U.S. Department of Energy, Energy Information Administration, *Annual Power Production, Consumption and Capacity*. Taken from: *Texas Energy History, 1978 Update*, TEAC, June, 1979.

TABLE V-32

Nuclear Plants Planned for Texas

Name	Construction Permit Granted	Estimated Completion Date	Capacity (Megawatts)
Comanche Peak #1	yes	mid-1981	1,111
Comanche Peak #2	yes	mid-1983	1,111
South Texas #1	yes	early-1983	1,250
South Texas #2	yes	early-1984	1,250
Allens Creek	no	1987	1,150

Source: Texas Energy and Natural Resources Advisory Council, March 1980.

TABLE V-33

Production of Electricity in Texas

(Million Kilowatt-Hours)

	Electric Utility			Industrial Establishments	
Year	By Water Power	By Fuels	Total	Total	Total Production
1952	387	17,105	17,492	NA	NA
1953	384	19,558	19,942	NA	NA
1954	600	20,838	21,438	NA	NA
1955	913	22,987	23,900	NA	NA
1956	493	27,933	28,426	NA	NA
1957	1,324	29,544	30,868	NA	NA
1958	1,222	31,180	32,402	NA	NA
1959	1,050	34,711	35,761	NA	NA
1960	1,102	38,098	39,200	14,036	53,236
1961	1,234	39,676	40,910	13,707	54,617
1962	800	46,750	47,550	16,006	63,556
1963	478	52,885	53,363	17,003	70,366
1964	454	57,744	58,198	17,942	76,140
1965	743	62,176	62,919	18,530	81,449
1966	787	68,470	69,257	19,043	88,300
1967	579	76,160	76,739	19,722	96,461
1968	1,327	83,760	85,087	19,900	104,987
1969	1,271	95,931	97,202	20,903	118,105
1970	1,005	104,127	105,132	20,614	125,746
1971	877	114,330	115,207	20,375	135,582
1972	830	129,912	130,742	20,697	151,439
1973	1,700	133,115	134,815	21,509	156,324
1974	1,631	140,536	142,167	22,136	164,303
1975	1,922	145,763	147,685	15,480	163,165
1976	1,066	153,493	154,559	15,538	169,904
1977	1,166	170,306	171,470	16.132	187,602
1978	765	183,290	184,055	10,502	194,557

Source. Electric Utility Production: Edison Electric Institute, *Statistical Year Book of the Electric Utility Industry* (annual volumes). Industrial Production: Federal Power Commission, Electric Power Statistics (monthly issues) and U.S. Department of Energy, Energy Information Administration, Annual Power Production, Consumption and Capacity. Taken from: *Texas Energy History: 1978 Update*, TEAC, June 1979.

TABLE V-34

Changing Characteristics Of Electric Power Production in Texas

	1950	1954	1960	1965	1970	1975	1978
Number Of Power Plants	198	192	173	167	173	178	174
Total MW Generating Capacity	2,500	5,500	9,700	13,900	21,900	37,200	46,500
Average MW Capacity Per Plant	13.0	28.6	56.1	80.3	126.6	209.0	267.2
% Of Total Power Produced By Investor-Owned Companies	N/A	82%	85%	83%	83%	70%	70%
% Of Total Power Produced By Publicly Owned Companies[1]	N/A	18%	15%	16%	16%	29%	29%
% Of Total Power Produced By Rural Electric Co-ops[2]	0%	0%	0%	1%	1%	1%	1%

[1] Includes Municipally-Owned, State-Owned and Federally-Owned Generating Facilities.

[2] Brazos Electric Power Coop and South Texas Electric Power Coop have been producing some electric power since 1952 and 1963 respectively. However, Co-op production was less than 1% of state total until 1965.

Source: *Texas Almanac*, Selected Years; and, DOE, *Inventory of Power Plants* (1979).

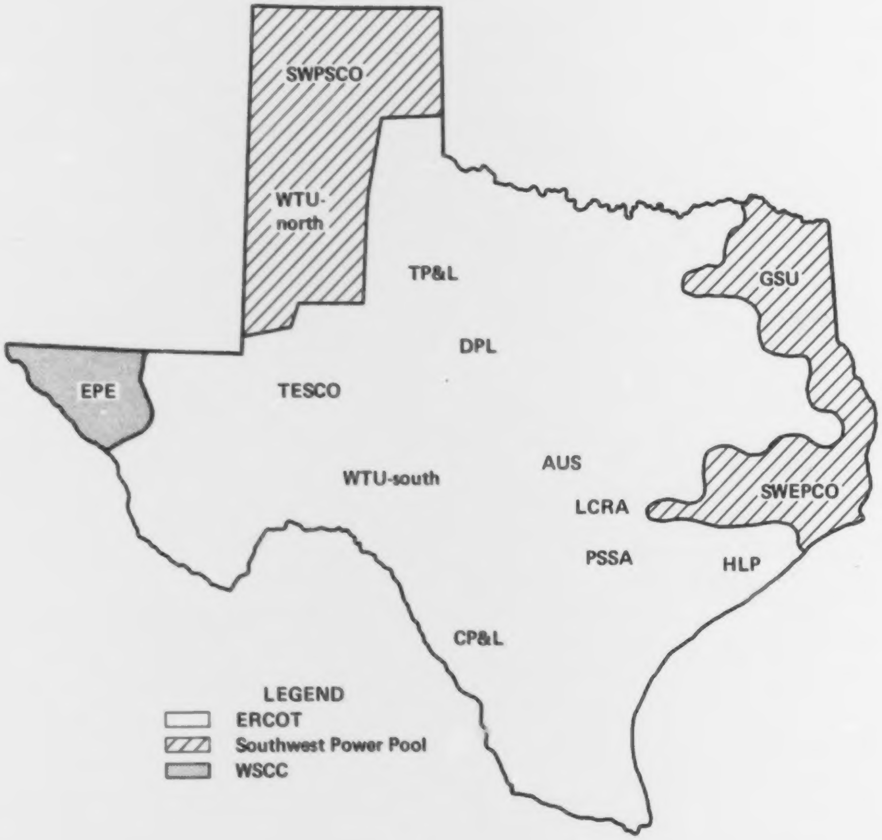
FIGURE V-7

Electric System Interconnection in Texas

Electric Reliability Council of Texas (ERCOT)
- City of Austin (AUS)
- Central Power & Light (CP&L)
- Public Service of San Antonio (PSSA)
- Dallas Power & Light (DPL)
- Houston Lighting and Power (HLP)
- Lower Colorado River Authority (LCRA)
- Texas Electric Service Co. (TESCO)
- Texas Power & Light (TP&L)
- West Texas Utilities (WTU) — South Texas Operation

Southwest Power Pool (SWPP)
- Gulf States Utilities Co. (GSU)
- Southwestern Public Service Co. (SWPSCO)
- Southwestern Electric Power Co. (SWEPCO)
- West Texas Utilities (WTU) — North Texas Operation

Western Systems Coordinating Council (WSCC)
- El Paso Electric (EPE)


SWPSCO
WTU-north
TP&L
DPL
GSU
EPE
TESCO
AUS
WTU-south
SWEPCO
LCRA
PSSA
HLP
CP&L
LEGEND
ERCOT
Southwest Power Pool
WSCC

[1]ERCOT is not interconnected with SWPP or WSCC. The WSCC consists of electric power companies serving the western United States.

Sources: Houston Lighting & Power Co., *Map of Electric Power Systems in Texas*; and FERC, Fort Worth Regional Office, *Staff Report on ERCOT Interconnection and Reliability Evaluation* (3/78).

TABLE V-35

Electricity Sales and Prices — United States Rankings

Average Commercial Electricity Prices — 1977
( ) Denotes 1976 Rank
U.S. Average: 3.84¢ per kWh

Rank	State	c/kWh	Rank	State	c/kWh
1	New York (1)	6.16	26	Arkansas (29)	3.62
2	Hawaii (2)	5.95	27	Mississippi (27)	3.62
3	New Jersey (4)	5.27	28	South Dakota (20)	3.45
4	New Hampshire (3)	5.16	29	Kansas (34)	3.44
5	Delaware (8)	5.10	30	West Virginia (23)	3.41
6	Massachusetts (5)	5.06	31	Missouri (21)	3.40
7	Rhode Island (6)	4.80	32	Nevada (30)	3.36
8	Maryland & D.C. (9)	4.64	33	Indiana (35)	3.31
9	Michigan (10)	4.33	**34**	**Texas (39)**	**3.23**
10	Connecticut (7)	4.31	35	South Carolina (33)	3.23
11	California (26)	4.16	36	New Mexico (38)	3.19
12	Pennsylvania (11)	4.14	37	North Carolina (32)	3.18
13	Arizona (17)	4.07	38	North Dakota (37)	3.06
14	Florida (12)	4.06	39	Colorado (36)	3.04
15	Virginia (22)	4.02	40	Oklahoma (43)	3.01
16	Illinois (13)	3.97	41	Utah (44)	2.94
17	Iowa (15)	3.92	42	Louisiana (40)	2.93
18	Ohio (25)	3.92	43	Nebraska (42)	2.91
19	Maine (19)	3.89	44	Tennessee (41)	2.89
20	Alabama (31)	3.84	45	Idaho (46)	1.97
21	Wisconsin (24)	3.77	46	Wyoming (47)	1.96
22	Georgia (16)	3.77	47	Kentucky (49)	1.96
23	Alaska (28)	3.74	48	Montana (45)	1.90
24	Vermont (14)	3.73	49	Oregon (48)	1.82
25	Minnesota (18)	3.73	50	Washington (50)	1.59

Average Residential Electricity Prices — 1977
( ) Denotes 1976 Rank
U.S. Average: 4.3%

Rank	State	c/kWh	Rank	State	c/kWh
1	New York (1)	5.88	26	Minnesota (27)	3.70
2	New Jersey (2)	5.85	27	Wisconsin (25)	3.69
3	Rhode Island (4)	5.40	28	South Carolina (28)	3.65
4	Massachusetts (3)	5.28	29	North Carolina (29)	3.58
5	Hawaii (5)	5.24	**30**	**Texas (35)**	**3.55**
6	Delaware (7)	5.20	31	West Virginia (17)	3.49
7	New Hampshire (6)	4.82	32	Mississippi (34)	3.48
8	Connecticut (8)	4.60	33	Utah (32)	3.47
9	Arizona (12)	4.49	34	Georgia (40)	3.44
10	Pennsylvania (9)	4.48	35	Colorado (30)	3.44
11	Maryland & D.C. (10)	4.27	36	Indiana (37)	3.42
12	Michigan (13)	4.21	37	Oklahoma (38)	3.39
13	Illinois (14)	4.12	38	North Dakota (36)	3.34
14	Vermont (11)	4.10	39	Alabama (42)	3.33
15	Virginia (22)	4.06	40	South Dakota (33)	3.26
16	Ohio (18)	4.01	41	Nebraska (39)	3.26
17	Iowa (16)	4.01	42	Nevada (41)	3.23
18	New Mexico (19)	4.00	43	Kentucky (44)	2.90
19	California (20)	3.97	44	Louisiana (43)	2.88
20	Alaska (24)	3.92	45	Wyoming (45)	2.56
21	Maine (23)	3.90	46	Montana (47)	2.38
22	Florida (15)	3.87	47	Tennessee (46)	2.35
23	Arkansas (26)	3.81	48	Oregon (48)	2.21
24	Missouri (21)	3.75	49	Idaho (49)	2.00
25	Kansas (31)	3.74	50	Washington (50)	1.39

Average Industrial Electricity Prices — 1977
( ) Denotes 1976 Rank
U.S. Average: 3.84¢ per kWh

Rank	State	c/kWh	Rank	State	c/kWh
1	Massachusetts (1)	4.06	26	Illinois (24)	2.47
2	Rhode Island (2)	3.96	27	Indiana (33)	2.46
3	New Jersey (4)	3.80	28	Wisconsin (21)	2.41
4	Hawaii (6)	3.63	29	Arkansas (28)	2.34
5	Connecticut (3)	3.47	30	North Carolina (29)	2.31
6	Alaska (5)	3.24	31	Nevada (34)	2.27
7	Delaware (8)	3.20	32	South Dakota (27)	2.24
8	New Hampshire (7)	3.15	33	West Virginia (26)	2.19
9	California (17)	3.02	34	Alabama (40)	2.17
10	Michigan (10)	2.93	35	Utah (32)	2.17
11	Pennsylvania (13)	2.89	36	South Carolina (36)	2.16
12	North Dakota (11)	2.87	**37**	**Texas (39)**	**2.15**
13	New York (14)	2.86	38	Maine (35)	2.15
14	Minnesota (19)	2.79	39	Oklahoma (42)	2.14
15	Arizona (16)	2.78	40	Ohio (41)	2.04
16	Maryland & D.C. (15)	2.74	41	Colorado (37)	2.03
17	Virginia (23)	2.70	42	Nebraska (38)	1.92
18	Florida (9)	2.69	43	Tennessee (43)	1.82
19	Vermont (12)	2.60	44	Kentucky (44)	1.71
20	Mississippi (18)	2.58	45	Louisiana (45)	1.54
21	New Mexico (30)	2.52	46	Wyoming (46)	1.31
22	Iowa (25)	2.51	47	Idaho (47)	1.16
23	Georgia (22)	2.51	48	Oregon (48)	0.89
24	Kansas (31)	2.50	49	Montana (49)	0.67
25	Missouri (20)	2.49	50	Washington (50)	0.43

Average Annual Growth Rate In Total KWH Sales 1972-1977
U.S. Average: 3.78¢ per kWh

Rank	State	Growth Rate %	Rank	State	Growth Rate %
1	Alaska	14.1	26	Tennessee	4.8
2	Wyoming	8.8	27	Missouri	4.7
3	North Dakota	8.0	28	Alabama	4.6
4	Colorado	7.8	29	Idaho	4.6
5	Louisiana	7.7	30	Ohio	4.5
6	Utah	7.6	31	Minnesota	4.5
7	Oklahoma	7.2	32	Oregon	4.2
8	New Mexico	7.1	33	New Hampshire	4.2
9	South Dakota	6.7	34	Wisconsin	4.1
10	Kentucky	6.6	35	Maryland & D.C.	4.0
11	Nebraska	6.2	36	West Virginia	4.0
12	Arizona	6.2	37	Illinois	4.0
13	Mississippi	6.1	38	Nevada	3.9
14	**Texas**	**6.1**	39	Washington	3.0
15	Florida	5.9	40	Pennsylvania	2.8
16	Virginia	5.9	41	Michigan	2.7
17	Arkansas	5.7	42	Massachusetts	2.3
18	Iowa	5.6	43	California	2.2
19	Indiana	5.5	44	Connecticut	2.1
20	Kansas	5.5	45	Vermont	2.0
21	South Carolina	5.3	46	New Jersey	1.9
22	Georgia	5.2	47	Montana	1.8
23	Maine	5.2	48	New York	1.6
24	North Carolina	5.0	49	Rhode Island	1.4
25	Hawaii	5.0	50	Delaware	1.1

Source: Electricity Consumers Resource Council, *State Electricity Profiles* (2nd Edition) 1978.

TABLE V-36

Annual Growth and Removal from Commercial Forestland Growing Stock, East Texas, 1955, 1965, and 1968-1978

(Million Cubic Feet)

	Pine		Hardwood		Totals	
Year	Growth	Removal	Growth	Removal	Growth	Removal
1955	279.9	228.8	160.2	73.4	440.1	302.2
1965	399.2	216.6	92.8	134.3	492.0	350.9
1968	432.9	272.7	91.5	75.2	524.4	347.9
1969	442.1	304.6	92.0	81.5	534.1	386.1
1970	451.0	307.9	92.5	69.2	543.5	377.1
1971	459.0	344.7	93.3	68.4	552.3	413.1
1972	465.9	358.2	94.1	70.7	560.0	428.9
1973	472.5	368.3	94.9	69.1	567.4	437.4
1974	469.6	379.4	210.6	95.1	680.2	474.5
1975	458.4	389.3	208.5	72.6	666.9	461.9
1976	461.2	432.8	215.7	80.6	676.9	513.4
1977	461.9	453.9	201.1	89.1	663.0	543.0
1978	467.6	475.4	205.9	103.1	673.5	578.5

Sources: Koehler, K. W., 1979. Harvest Trends, 1978. Texas Forest Service, Publication 119, College Station, TX, p. 24.
No Author. 1956. Forest of East Texas, 1953-55. USFS/SFES, Forest Survey Release 77, New Orleans, LA, pp. 45, 46.
No Author. 1974. Harvest Trends, 1973. Texas Forest Service, College Station, TX, p. 8.

TABLE V-37

Commercial Forestland by Ownership Class, East Texas

(Thousand Acres)

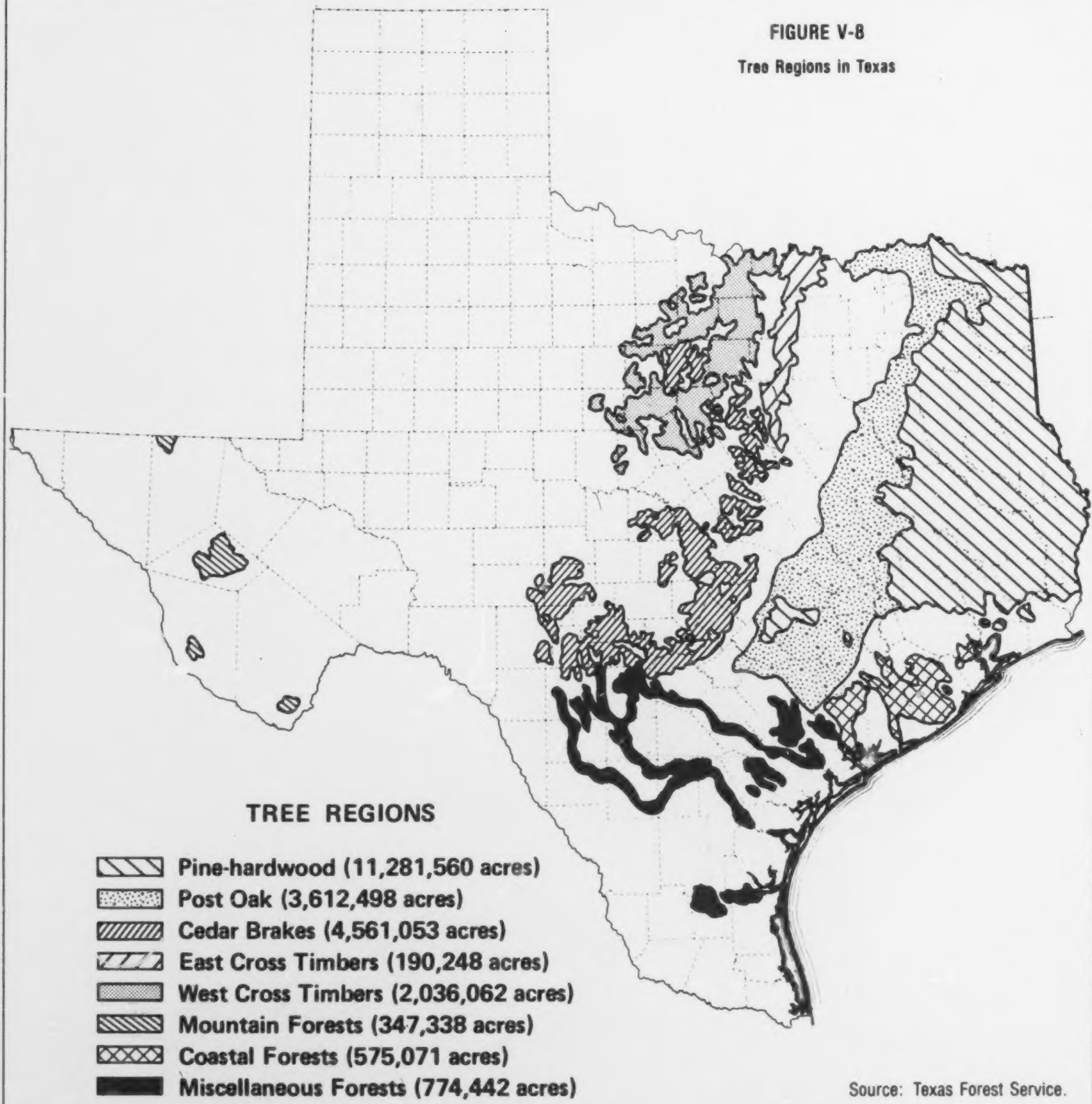
Ownership Type	1955	1965	1975	%
Total Public	767.2	813.6	753.2	7
National Forest	655.0	622.3	572.7	(5)
Other Public	112.2	191.3	180.5	(2)
Forest Industry	10,808.6[1]	3,464.2	3,750.6	34
Farm and Private		7,178.0	6,397.7	59
Total — All Forest	11,575.8	11,455.8	10,901.5	100

[1] In 1955, Forest Industry and Farm and Private were figured together.

Sources: No Author. 1956. Forest of East Texas, 1953-55. USFS/SFES, Forest Survey Release 77, New Orleans, LA, p. 48.
Sternitzke, H. S. 1967. East Texas Pineywoods. USFS/SFES, Resource Bulletin SO-10, New Orleans, LA, p. 17.
Earles, J. M. 1976. Forest Statistics for East Texas Pineywoods Counties. USFS/SFES, Resource Bulletin SO-60, New Orleans, LA, p. 4.

FIGURE V-8

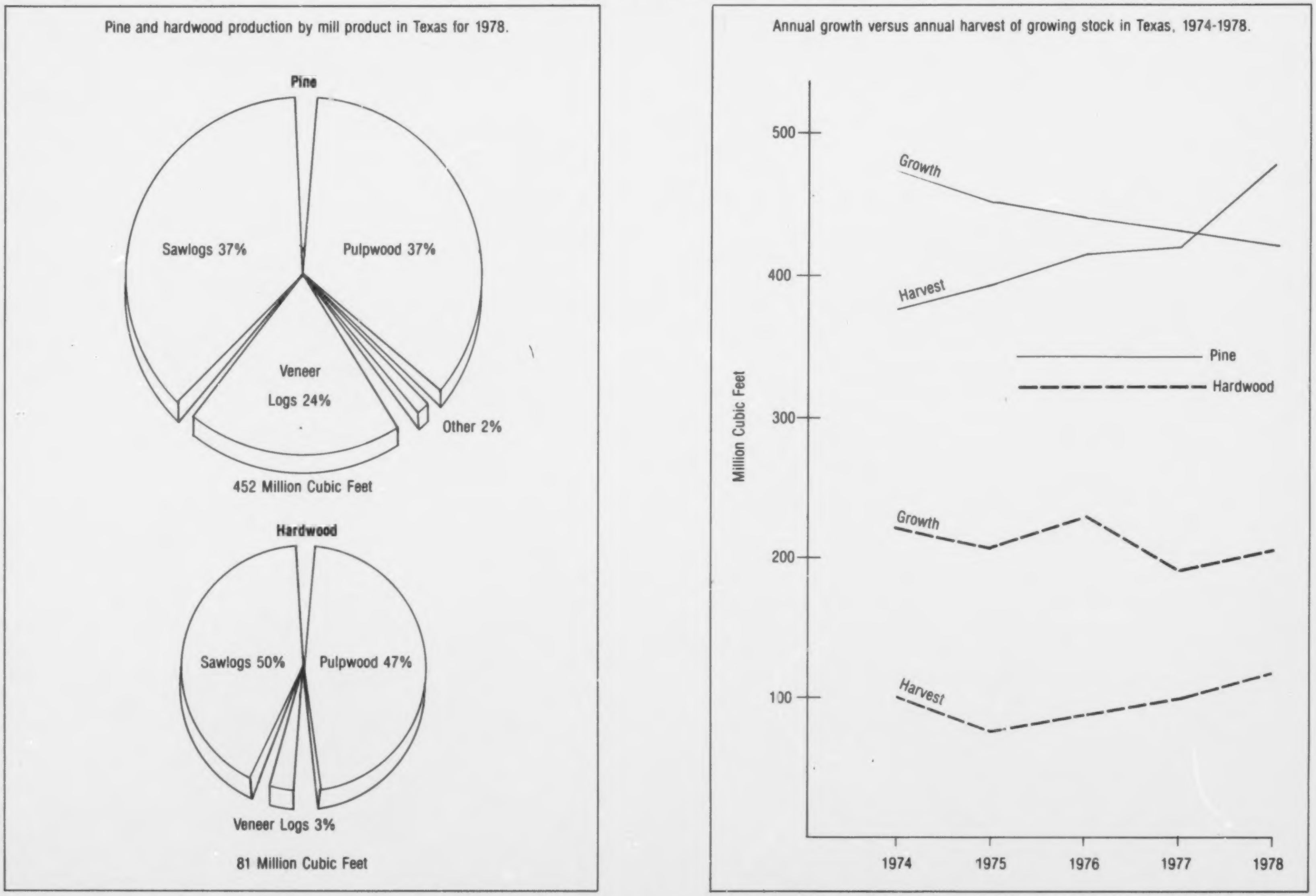
Tree Regions in Texas


TREE REGIONS
▧ Pine-hardwood (11,281,560 acres)
░ Post Oak (3,612,498 acres)
▨ Cedar Brakes (4,561,053 acres)
▨ East Cross Timbers (190,248 acres)
▒ West Cross Timbers (2,036,062 acres)
▧ Mountain Forests (347,338 acres)
▩ Coastal Forests (575,071 acres)
■ Miscellaneous Forests (774,442 acres)

Source: Texas Forest Service.

FIGURE V-9

Texas Pine and Hardwood Harvest



Pine and hardwood production by mill product in Texas for 1978.

Annual growth versus annual harvest of growing stock in Texas, 1974-1978.

Source: *Harvest Trends 1978*, Texas Forest Service, September 1979.

TABLE V-38

Texas

Average Volume and Growth of
Timber in Cubic Feet Per Acre

Class of Owner	Volume	Growth
National Forest	2,046	76
Other Public	1,144	64
Forest Industry	1,172	61
Farm and Private	855	54

Source: 1975 Forest Survey.

TABLE V-40

Total Lumber, Plywood, and Pulpwood

Production in East Texas, 1966-1978

(thousands)

	Lumber[1]		Plywood[2]		Pulpwood[3]		Total Production[4]
Year	Board Feet	Cubic Feet	Square Feet	Cubic Feet	Cords	Cubic Feet	Cubic Feet
1966	1,032,030	258,008	NA[5]	NA	1,904	153,548	411,556
1967	792,800	198,200	NA	NA	1,993	160,726	358,926
1968	830,440	207,610	193,300	6,041	2,520	203,226	416,877
1969	971,000	242,750	221,300	6,916	2,834	228,548	478,214
1970	898,562	224,640	248,676	7,771	2,918	235,323	467,734
1971	955,359	238,840	447,003	13,969	3,129	252,339	505,148
1972	991,525	247,881	690,808	21,588	3,323	267,984	537,453
1973	928,874	232,219	767,688	23,990	3,614	291,452	547,661
1974	855,695	213,924	782,615	24,457	3,847	310,242	548,623
1975	851,931	212,983	959,649	29,989	3,549	286,210	529,182
1976	990,461	247,615	1,225,513	38,297	3,585	289,113	575,025
1977	1,039,939	259,985	1,352,527	42,266	3,630	292,742	594,993
1978	1,081,877	270,469	1,455,139	45,473	3,829	308,790	624,732

[1] Includes tie volume; International ¼″ rule used; from Harvest Trends.
[2] Production reported from 3/8″ plywood; from Harvest Trends.
[3] Includes chips and sawdust; from Southern Pulpwood Production reports.
[4] Conversion factors for converting board feet, square feet, and cords to cubic feet are: 1 cubic foot = 4 board feet or 32 square feet or 0.0124 cords. Total production refers to the sum of columns 3, 5, and 7.
[5] NA = not available; Texas plywood production was just getting underway.

Sources: Barron, E. H. 1971. Texas Forest Resources Growth and Utilization — 1971. Texas Forest Service Publication, College Station, TX, p. 5.
Olson, G. T. 1969. The Primary Wood-Using Industries of East Texas — 1968. Texas Forest Service Publication, College Station, TX, p. 8.
Texas Forest Service. 1972-1979. Harvest Trends. College Station, TX.
U.S. Forest Service. 1967-1978. Southern Pulpwood Production. USFS/SEFES, Ashville, NC and USFS/SFES, New Orleans, LA.

TABLE V-39

Current and Real Pine Pulpwood (per cord)

Stumpage (per MBF) Prices in East Texas 1955-1979

	Annual Average Price (Current Dollars)		Annual Average Price (Real Dollars)[1]		Wholesale Price Index (%)	
Year	Pulpwood	Stumpage	Pulpwood	Stumpage	Pulpwood	Stumpage
1955	3.00	29.90	3.42	34.05	87.8	87.8
1956	3.70	31.30	4.08	34.51	90.7	90.7
1957	3.95	30.15	4.23	32.32	93.3	93.3
1958	4.00	29.90	4.23	31.61	94.6	94.6
1959	4.00	30.60	4.22	32.28	94.8	94.8
1960	4.15	28.90	4.37	30.45	94.9	94.9
1961	4.00	26.60	4.23	28.15	94.5	94.5
1962	4.05	28.40	4.27	29.96	94.8	94.8
1963	3.95	25.10	4.18	26.56	94.5	94.5
1964	3.95	26.35	4.17	27.82	94.7	94.7
1965	4.00	29.45	4.14	30.49	96.6	96.6
1966	4.35	34.25	4.36	34.32	99.8	99.8
1967	4.45	36.45	4.45	36.45	100.0	100.0
1968	4.45	38.65	4.34	37.71	102.5	102.5
1969	4.55	50.60	4.27	47.51	106.5	106.5
1970	4.75	45.90	4.30	41.58	110.4	110.4
1971	4.85	53.50	4.25	46.93	114.0	114.0
1972	4.85	63.60	4.07	53.40	119.1	119.1
1973	5.45	81.45	4.05	60.47	134.7	134.7
1974	6.20	89.55	3.87	55.93	160.1	160.1
1975	6.40	79.30	3.66	45.34	174.9	174.9
1976	6.70	96.50	3.66	52.73	183.0	183.0
1977	7.05	113.15	3.63	58.26	194.2	194.2
1978	8.10	157.10	3.87	75.06	209.3	209.3
1979	9.28[2]	218.17[2]	3.84	90.26	241.7[3]	241.7[3]

[1] Current dollars adjusted to 1967 dollars.
[2] Average of first, second, and third quarter prices.
[3] Index based on third quarter for 1979.

Sources: Adams, D.M., R.W. Haynes, T.J. Mills, D. Shearer, and S. Childress, Compilers. 1979. Annual Time Series Data on Production, Consumption, and Prices of Softwood Products in North America by Region, 1950-1976. (DRAFT). USFS/PNW-FRES and Oregon State Univ., Portland and Corvallis, OR, p. I-17.
Haynes, R.W. 1979. Personal Communication with C.A. Miller, Texas Forest Service, College Station, in September.
No Author. 1955-1979 *Louisiana Forest Products* Quarterly Market Reports. Louisiana Department of Agriculture, Office of Marketing-Market News, Vols. I-XXV, Baton Rouge, LA.

TABLE V-41

Texas Farms and Ranches: Number, Land, Average Size, Total Value, and Per Acre Value, 1950-1980

Year	Number of Farms and Ranches	Land in Farms and Ranches	Average Size of Farms and Ranches	Value of Land and Buildings	Per Acre Value of Land and Buildings
	Thousand	Thousand Acres	Acres	Million Dollars	Dollars
1950	345	150,000	435	NA	NA
1951	332	151,000	455	NA	NA
1952	318	152,000	478	NA	NA
1953	305	153,000	502	NA	NA
1954	297	154,000	519	NA	NA
1955	289	154,000	533	NA	NA
1956	281	154,000	548	NA	NA
1957	273	154,000	564	NA	NA
1958	265	154,000	581	NA	NA
1959	252	154,000	611	NA	NA
1960	247	153,000	619	13,078	85
1961	242	151,000	626	13,430	89
1962	237	150,000	633	14,028	94
1963	233	149,000	639	15,083	101
1964	230	148,000	643	15,654	106
1965	226	147,000	650	16,707	114
1966	222	146,000	658	17,301	118
1967	219	145,000	662	18,035	124
1968	216	144,000	667	19,198	133
1969	214	143,000	668	20,263	142
1970	212	142,800	674	21,134	148
1971	210	142,500	679	22,230	150
1972	209	142,000	679	24,566	173
1973	209	141,800	678	27,793	196
1974	209	141,800	678	34,174	241
1975[1]	205/175	141,200/140,000	680/800	34,020	243
1976	202/170	140,600/139,700	696/822	37,300	267
1977	199/166	140,000/139,300	704/839	39,840	286
1978	195/163	139,800/139,000	717/853	43,924	316
1979	161	138,700	861	49,100[2]	354[2]
1980[2]	159	138,400	870		

[1] Old definition: Places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more. New Definition: Places which had annual sales of agricultural products of $1,000 or more. New series initiated in 1975. Old series discontinued in 1978.
[2] Preliminary.

Source: *1978 Texas Prices Received and Paid by Farmers*, and *Texas Historic Crop Statistics 1866-1975*, USDA/TDA, Texas Crop and Livestock Reporting Service.

TABLE V-42

Realized Gross Income and Net Income from Farming, Texas, 1950-1978

Year	Realized gross farm income[1]	Farm production expenses	Net change in farm inventories	Total net farm income[2]	Total net income per farm[2]
	Million dollars				Dollars
1950	2,328.4	1,327.3	-106.0	895.1	2,594
1951	2,502.7	1,504.1	50.9	1,049.5	3,161
1952	2,425.1	1,496.3	- 51.5	877.3	2,759
1953	2,119.3	1,372.0	- 24.4	722.9	2,370
1954	2.150.8	1,363.4	- 18.7	768.7	2,588
1955	2.083.5	1,373.9	24.5	734.1	2,540
1956	2,074.2	1,317.5	-125.0	631.7	2,248
1957	2,002.1	1,428.3	189.8	763.6	2,797
1958	2,649.6	1,590.5	17.7	1,076.9	4,064
1959	2,628.9	1,727.5	10.5	911.9	3,619
1960	2,547.0	1,751.5	43.2	838.7	3,396
1961	2,743.6	1,926.9	133.6	950.3	3,927
1962	2,773.6	2,092.7	120.1	801.0	3,380
1963	2,920.9	2,151.0	- 85.5	684.4	2,937
1964	2,689.2	2,132.3	6.3	563.2	2,449
1965	2,879.0	2,306.0	142.8	715.8	3,167
1966	3,336.3	2,513.9	- 64.8	757.6	3,413
1967	3,157.3	2,643.5	43.3	557.1	2,544
1968	3,344.8	2,826.7	165.2	683.3	3,163
1969	3,798.1	3,098.5	4.2	703.9	3,289
1970	4,026.5	3,232.5	106.8	900.8	4,249
1971	4,215.2	3,562.6	73.3	725.9	3,457
1972	4,918.5	4,242.9	326.6	1,002.2	4,795
1973	7,240.7	5,436.5	329.9	2,134.0	10,211
1974	6,195.2	5,208.0	- 80.3	906.9	4,339
1975	6,432.7	5,278.5	-106.2	1,048.1	5,113
1976[3]	6,879.9	6,038.3	54.9	896.5	4,438
1977[3]	7,344.2	6,253.9	50.3	1,140.5	5,731
1978[4]	8,426.6	7,199.8	-204.5	1,022.3	5,242

[1] Cash receipts from farm marketings, government payments, value of home consumption and gross rental value of farm dwellings.
[2] Farm income of farm operators.
[3] Revised, September 1979.
[4] Preliminary.

Source: *1978 Texas Agricultural Cash Receipts Statistics*, USDA/TDA joint publication. 1979 update, Texas Crop and Livestock Reporting Service.

TABLE V-43

Cash Receipts from Farm Marketings, Texas, 1946-1978

(thousand dollars)

Year	Crops	Livestock and livestock products	Total crops and livestock	Government payments[1]	Total crops, livestock and payments
1946	732,107	699,669	1,431,776	38,502	1,470,278
1947	1,129,102	808,274	1,937,376	23,914	1,961,290
1948	1,087,242	898,175	1,985,417	16,438	2,001,855
1949	1,241,088	800,405	2,041,493	14,739	2,056,232
1950	1,215,538	882,253	2,097,791	24,934	2,122,725
1951	1,075,539	1,176,762	2,252,301	22,182	2,274,483
1952	1,164,774	1,009,728	2,174,502	20,034	2,194,536
1953	1,096,821	785,574	1,882,395	11,323	1,893,718
1954	1,191,428	749,775	1,941,203	22,840	1,964,043
1955	1,113,468	780,316	1,893,784	20,464	1,914,248
1956	1,044,545	825,291	1,869,836	54,938	1,924,774
1957	916,302	806,089	1,722,391	112,667	1,835,058
1958	1,435,607	932,453	2,368,060	122,188	2,490,248
1959	1,301,709	991,601	2,293,310	82,862	2,376,172
1960	1,258,286	983,189	2,241,475	72,531	2,314,006
1961	1,340,881	1,057,448	2,398,329	133,870	2,532,199
1962	1,351,793	1,075,400	2,427,193	148,461	2,575,654
1963	1,462,393	1,116,786	2,579,179	140,211	2,719,390
1964	1,283,978	1,031,154	2,315,132	173,539	2,488,671
1965	1,348,548	1,121,183	2,469,731	198,814	2,668,545
1966	1,313,190	1,386,429	2,699,619	451,734	3,151,353
1967	1,111,878	1,371,246	2,483,124	462,163	2,945,287
1968	1,230,238	1,423.930	2,654,168	465,425	3 119,593
1969	1,202,150	1,851,386	3,053,536	505,248	3,558,784
1970	1,264,766	1,956,991	3,221,757	543,156	3,764,913
1971	1,177,911	2,284,873	3,462,784	468,552	3,931,336
1972	1,463,123	2,614,518	4,077,641	528,567	4,606,208
1973	2,811,135	3,686,236	6,497,371	386,554	6,883,925
1974	2,695,007	2,971,115	5,666,122	80,552	5,746,674
1975	2,759,514	3,076,782	5,836,296	146,562	5,982,858
1976	3,091,434	3,201,974	6,293,408	111,735	6,405,143
1977	3,135,826	3,524,564	6,660,390	157,993	6,818,383
1978	2,901,779	4,646,194	7,547,973	318,843	7,868,816

[1] Calendar year in which government payments were made.

Source: *1978 Texas Agricultural Cash Receipts Statistics*, USDA/TDA, Texas Crop and Livestock Reporting Service.

TABLE V-44

Leading States in Cash Receipts from Farm Marketings, 1978

Rank	State	Amount Million dollars	Rank	State	Amount Million dollars
Crops			Government payments		
1	California	6,954	1	TEXAS	319
2	Illinois	3,985	2	Kansas	301
3	TEXAS	2,902	3	North Dakota	278
4	Iowa	2,810	4	Iowa	271
5	Florida	2,383	5	Nebraska	269
6	Minnesota	2,261	6	Minnesota	164
7	North Carolina	1,939	7	Montana	137
8	Indiana	1,921	8	South Dakota	127
9	Ohio	1,730	9	Illinois	103
10	Nebraska	1,633	10	Oklahoma	102
	United States	52,051		United States	3,030
Livestock and Livestock products			Total crops, livestock and payments		
1	Iowa	5,418	1	California	10,425
2	TEXAS	4,646	2	Iowa	8,499
3	California	3,414	3	TEXAS	7,867
4	Nebraska	3,098	4	Illinois	6,226
5	Wisconsin	2,971	5	Minnesota	5,016
6	Kansas	2,956	6	Nebraska	5,000
7	Minnesota	2,591	7	Kansas	4,747
8	Illinois	2,139	8	Wisconsin	3,689
9	Missouri	2,099	9	Missouri	3,648
10	Colorado	2,074	10	Indiana	3,532
	United States	58,991		United States	114,072

Source: 1978 Texas Agricultural Cash Receipts Statistics, USDA/TDA, Texas Crop and Livestock Reporting Service.

TABLE V-45

1978 Agricultural Statistics[1]

State Total

1. Crops

Crop	Planted Acres	Harvested Acres	Yield Per Harvested Acre	Unit	Production
Upland Cotton	6,950,000	6,200,000	294	Lb./Bale	3,792,000
American — Pima Cotton	29,000	28,000	456	Lb./Bale	26,600
Wheat	5,700,000	2,700,000	20.0	Bushel	54,000,000
Oats	1,800,000	430,000	32.0	Bushel	13,760,000
Barley	110,000	40,000	27.0	Bushel	1,080,000
Rye	150,000	29,000	14.0	Bushel	406,000
Flaxseed	25,000	20,000	10.0	Bushel	200,000
Sorghums					
Grain[2]	5,700,000	4,650,000	49.0	Bushel	227,850,000
Silage[6]	—	50,000	10.5	Ton	525,000
Hay[6]	—	350,000	1.8	Ton	613,000
Corn					
Grain[2]	1,600,000	1,440,000	100.0	Bushel	144,000,000
Silage[6]	—	125,000	15.0	Ton	1,875,000
Soybeans	800,000	745,000	26.0	Bushel	19,370,000
Peanuts	307,000	301,000	1,450	Pound	436,450,000
Rice	560,000	558,000	4,700	Lb./cwt.	26,226,000
Sugarcane[6]	—	32,800	29.3	Ton	960,000
Sugarbeets[4]	27,900	23,600	17.5	Ton	414,000
Guar	45,000	32,000	900	Pound	28,800,000
Alfalfa Hay[5]	—	205,000	4.0	Ton	820,000
Other Hay—Excluding Sorghum[6]	—	2,150,000	1.7	Ton	3,548,000
Cowpeas					
Green[2]	35,000	5,900	625	Pound	3,688,000
Dry	—	22,000	570	Pound	12,540,000
Sunflowers	45,000	30,000	727	Pound	21,800,000

2. Irrigated Crops

Selected Crop	Acres Planted		Acres Harvested		Unit	Yield Per Harvested Acre	
	Irrigated (1000s)	Not Irrigated (1000s)	Irrigated (1000s)	Not Irrigated (1000s)		Irrigated	Not Irrigated
Upland Cotton	2,300	4,650	2,150	4,050	Pound	413	230
Wheat	1,045	4,655	683	2,017	Bushel	32.2	15.9
Sorghums for Grain	1,100[2]	4,600[2]	1,025	3,625	Bushel	70.9	42.8
Peanuts	124	183	123	178	Pound	2,231	910

3. Vegetables for Fresh Market and Processing

Crop	Acres Harvested
Broccoli	2,200
Cabbage	20,100
Cantaloupes	19,300
Carrots	17,800
Cauliflower	1,000
Cucumbers	9,000
Sweet Corn[3]	1,800
Honeydew Melons	4,000
Lettuce	5,200
Onions	30,000
Green Peppers	9,100
Spinach[3]	4,100
Tomatoes	5,800
Watermelons	49,000
Irish Potatoes	18,700
Sweet Potatoes	9,500
All Vegetables	226,700

4. Fruits and Pecans

Crop	Production
Peaches (Bu.)	833,000
Grapefruit (80 Lb. box)	11,900,000
Oranges (85 Lb. box)	6,100,000
Pecans (000 Lbs.)	
1977[4]	32,000
1978[4]	26,000

5. 1978 Livestock Production or Marketing

Eggs Produced (000)	2,630,000
Broilers Produced (000)	198,353
Turkeys Produced (000)	7,300
Milk Produced (000)	3,433,000
Wool Produced (Pound)	18,500,000
Mohair Produced (Pound)	8,100,000
Cattle Marketed from Feedlots (Number)	4,915,000

6. January 1 1979 Livestock on Farms

Item	1979
Total Cattle	13,900,000
Milk Cows That Have Calved	310,000
Beef Cows That Have Calved	5,890,000
Cattle on Feed	2,000,000
All Hogs[5]	800,000
All Sheep	2,415,000
Ewes 1 Year and Over	1,667,000
All Angora Goats	1,050,000
Hens and Pullets of Laying Age (000)	12,400

[1] Items reported but not published on a county basis because of either limited production or to avoid disclosure of individual operations.
[2] Planted for all purposes.
[3] Fresh market only but processing included in all vegetables.
[4] Revised.
[5] On hand preceding December 1.
[6] No regular planting cycle.

Source: *1978 County Statistics*. USDA/TDA, Texas Crop and Livestock Reporting Service.

TABLE V-46

Value of Export Shares of Texas Agricultural Commodities, 1973-1978[1]

(Million Dollars)

Fiscal year ended June 30[2]	Cotton, including lint	Cotton-seed oil	Food grains and products[3]	Wheat and peanuts	Rice	Soybeans and products	Fruits and preparations	Vegetables and preparations	Meats and products	Hides and skins	Lard and tallow	Poultry products	Other	Total
1973	227.2	22.9	163.0	65.7	113.1	9.7	18.3	10.0	22.4	49.2	25.4	4.6	7.1	738.6
1974	473.1	46.9	381.5	274.8	166.5	17.8	22.6	15.9	28.8	42.4	57.3	7.2	13.1	1.647.9
1975	221.5	47.9	406.8	152.8	225.2	19.3	22.6	11.9	23.1	37.9	53.3	6.6	11.9	1,240.8
1976	255.5	42.6	497.3	319.6	105.9	18.5	21.1	19.1	32.7	48.0	38.7	10.7	8.8	1,418.5
1977	481.9	55.3	485.2	166.6	145.5	39.5	29.9	26.8	40.2	69.8	65.8	16.1	3.1	1,651.2
1978	652.4	77.8	339.2	252.5	196.5	73.3	37.2	26.1	57.2	81.6	72.2	16.8	3.0	1,930.3

[1] Derived from Texas' contribution to national output and/or sales. They do not show actual exports.

[2] Year ended September 30 beginning with 1977. [3] Includes sorghum grain, corn, oats, and barley.

Source: Texas Crop and Livestock Reporting Service, USDA, March 1980.

TABLE V-47

Texas Agricultural Rankings 1978

First In:

Farms and ranches	Number	159,000
Farm and ranch land	Million acres	138.7
All cattle and calves	Million head	13.9
Beef cows	Million head	5.9
Calf births	Million head	5.3
Cattle on feed	Million head	2.0
Slaughter of cattle	Billion pounds	6.0
Slaughter of calves	Million pounds	223.0
All sheep and lambs	Million head	2.4
Wool production	Million pounds	18.5
All goats and kids	Million head	1.4
Mohair production	Million pounds	8.1
Upland cotton production	Million bales	3.8
Sorghum grain production	Million bushels	227.9
Cabbage	Acres harvested	20,100
Spinach for fresh market	Acres harvested	4,100

Second In:

Cash receipts from livestock and livestock products	Billion dollars	4.6
Grapefruit	Million boxes	11.9
Cantaloups	Acres harvested	19,300
Carrots	Acres harvested	17,800
Bell peppers	Acres harvested	9,100
Onions	Acres harvested	30,000
Watermelons	Acres harvested	49,000
American-Pima cotton production	Bales	26,600
Pecans	Million pounds	26
Other hay	Million tons	3.5
White corn	Million bushels	6.9
Honeydew melons	Acres harvested	4,000

Third In:

Total cash receipts	Billion dollars	7.7
Cash receipts from all crops	Billion dollars	2.9
Oranges	Million boxes	6.1
Principal vegetables for fresh market	Acres harvested	178,400
Bee colonies	Number	185,000
Rice	Million cwt.	26.2
Sorghum for silage	Thousand tons	525
Sweetpotatoes	Acres harvested	9,500

Fourth In:

Peanuts	Million pounds	436.5
Sugarcane	Tons	960,000
Flaxseed	Bushels	200,000
Sunflower seed	Million pounds	21.8

Source: *1978 Texas County Statistics*, USDA/TDA, Texas Crop and Livestock Reporting Service.

TABLE V-48

Total Texas Acreages of Irrigated Crops, 1958, 1964, 1969, and 1974

State Total

Irrigated Crops	1958	1964	1969	1974
Cotton	2,038,832	2,309,313	1,875,207	2,121,974
Grain Sorghum	2,114,867	2,547,687	2,745,306	2,467,608
Corn	116,466	83,590	283,056	707,955
Rice	423,487	464,871	555,405	564,723
Wheat	717,722	879,194	932,439	1,265,852
Other Grain[4]	228,588	225,062	81,618	123,014
Forage Crops	232,447	326,899	633,662	271,316
Peanuts	25,172	35,114	96,962	111,477
Soybeans	[1]	[1]	207,177	158,658
Other Oil Crops	[1]	[1]	41,201	15,731
Citrus	69,345	85,715	101,451	97,676
Pecans	[2]	7,022	10,785	16,588
Other Orchard & Vineyard	3,482	1,086	4,853	5,318
Alfalfa	114,367	93,724	117,037	201,872
Other Perm. Hay-Pasture	158,505	322,017	299,078	333,785
Sugar Beets	[1]	[1]	45,887	22,848
Irish Potatoes	13,596	18,119	25,675	29,098
Vegetables-Shallow Root	498,276	183,244	124,905	100,154
Vegetables-Deep Root	[3]	190,391	157,602	120,073
All Other Crops	170,374	223,385	6,838	36,748
Total Crop Acres Irrig.	6,927,819	7,996,433	8,346,144	8,772,468

[1] Included with all other crops.

[2] Included with Other Orchard & Vineyard

[3] Included with Vegetables-Shallow Root

[4] Included only Oats & Barley in 1958 & 1964.

Source: *Inventories of Irrigation in Texas 1958, 1964, 1969 and 1974*, Texas Water Development Board, October 1975, p. 220.

TABLE V-49

Air Contaminants by Area, Chemical Type and Source

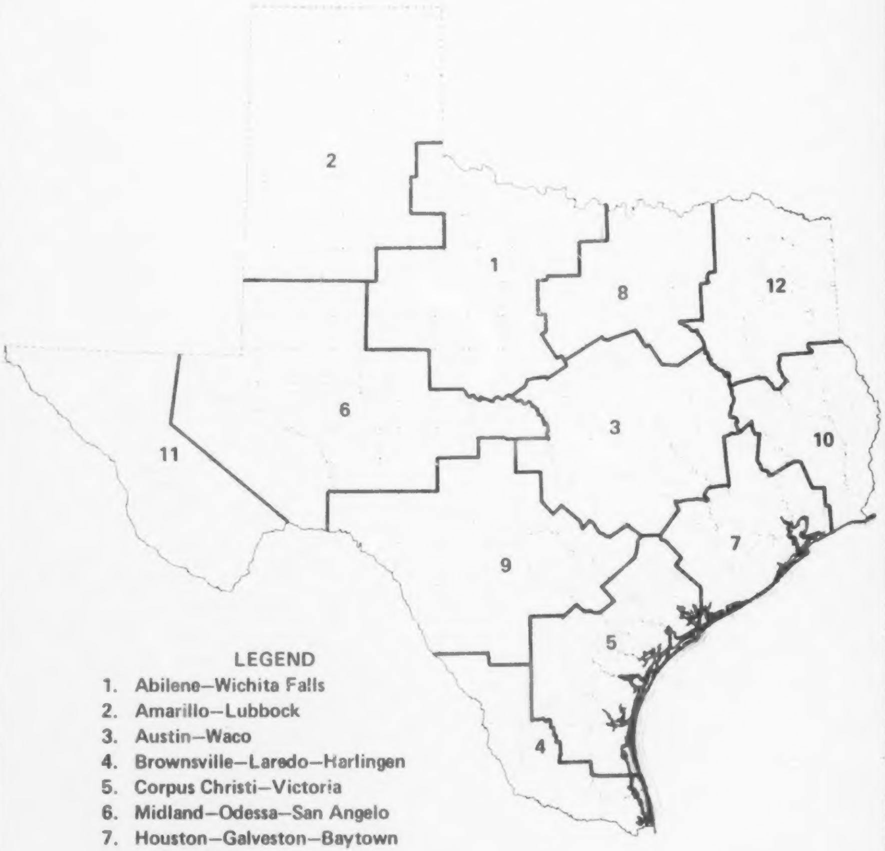
Region	Significant Air Contaminants	Major Cause	Active Sources Investigated Periodically[1]
#1	Particulates	Agricultural and mineral processes, feed lot odors, petroleum projects, power plants	351 (76 major)
#2	Particulates	Agricultural process, particularly cotton gins and grain elevators	417 (102 major)
#3	Particulates and Hydrocarbons	Large oil and gas fields, lignite power generation, heavy and light industry, agriculture	723 (120 major)
#4	Particulates	Agricultural processes, particularly sugar cane industry	335 (42 major)
#5	Particulates and Hydrocarbons	Oil and gas production	471 (117 major)
#6	Particulates and Hydrocarbons	Petroleum and agriculture industries	494 (129 major)
#7	Hydrocarbons, Particulates, Sulfur Dioxide	Refineries and petrochemical	1,090 (330 major)
#8	Hydrocarbons, Particulates, Sulfur Dioxide	Metal fabrication, mineral products, agriculture, oil and gas	1,422 (283 major)
#9	Particulates and Sulfur Dioxide	Mineral and petroleum industries	467 (82 major)
#10	Hydrocarbons and particulate matter	Petrochemical plants and refineries, and forest products industry	269 (120 major)
#11	Particulates and Sulfur Dioxide	Smelting refineries, Ciudad Juarez, Mexico	133 (22 major)
#12	Particulates	Timber, lignite power production, oil and gas, agriculture and livestock	385 (107 major)
		TOTAL	6,557 (1,530 major)

[1] Major Source — A source with the potential, without controls on emissions, to emit 100 tons/year of any pollutant for which there is a national ambient air standard.

Source: Texas Air Control Board.

FIGURE V-10

Air Quality Control Regions



LEGEND

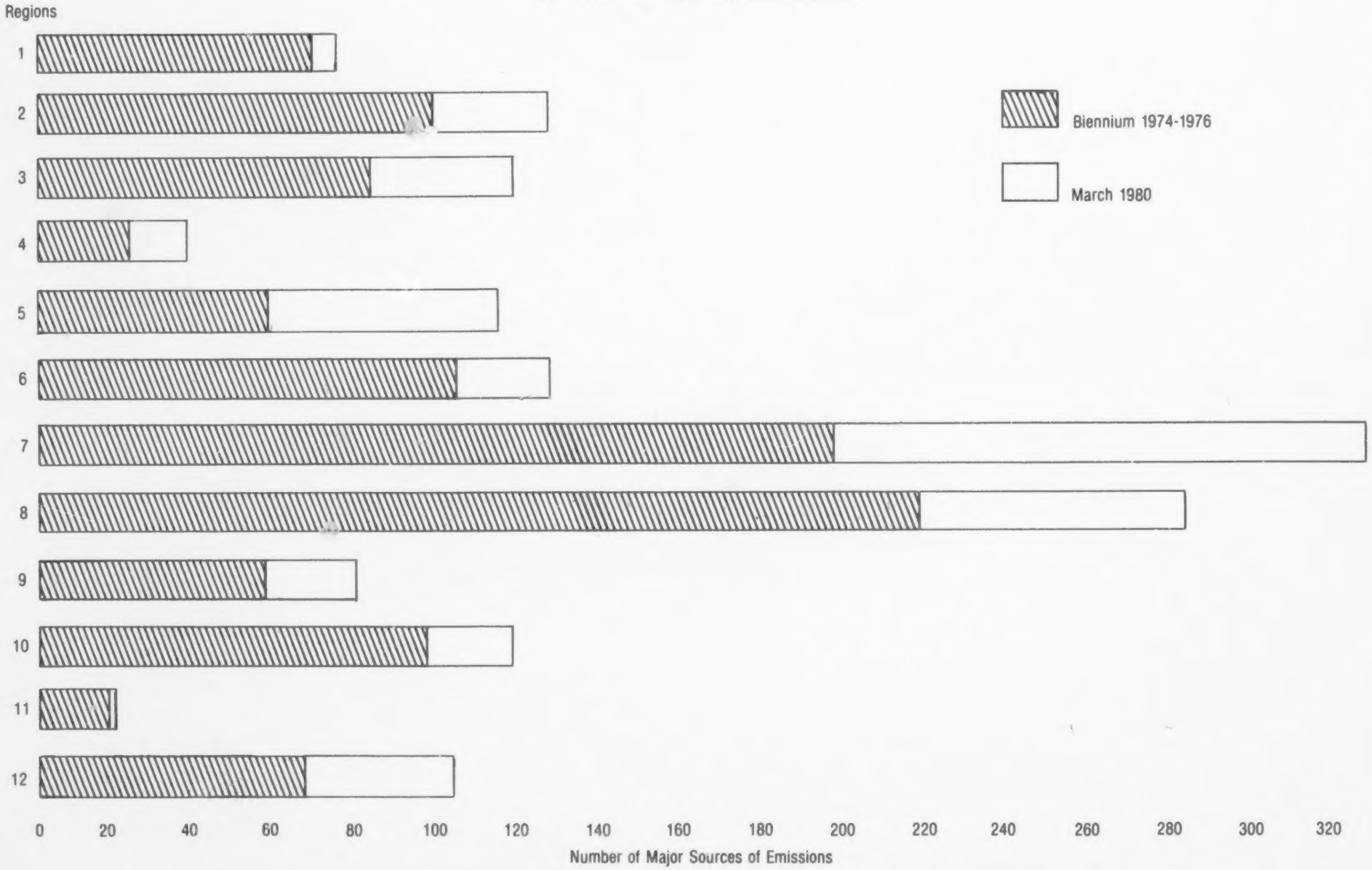
1. Abilene–Wichita Falls
2. Amarillo–Lubbock
3. Austin–Waco
4. Brownsville–Laredo–Harlingen
5. Corpus Christi–Victoria
6. Midland–Odessa–San Angelo
7. Houston–Galveston–Baytown
8. Dallas–Fort Worth
9. San Antonio
10. S. Louisiana–S. E. Texas–Beaumont
11. El Paso–Las Cruces–Alamogordo
12. Shreveport–Texarkana–Tyler

Source: Texas Air Control Board.

FIGURE V-11

Changes in Numbers of Major Sources[1] of Air Contaminants

(1974-1980 for 12 Air Quality Control Regions)

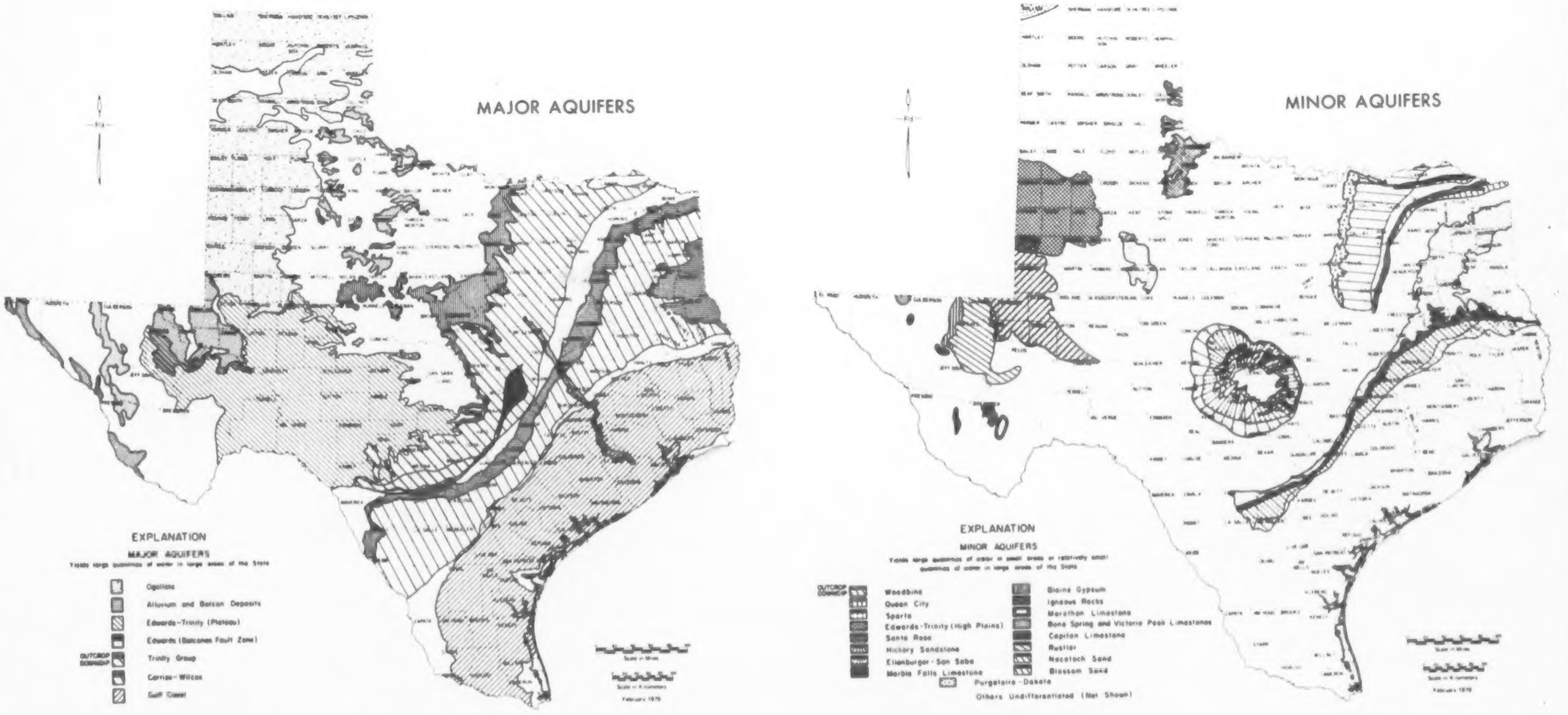


[1] Major Source: A source with the potential, without controls on emissions, to emit 100 tons/year of any pollutant for which there is a national ambient air standard.

Source: Texas Air Control Board.

FIGURE V-12

Texas Aquifers


MAJOR AQUIFERS
EXPLANATION
MAJOR AQUIFERS
Yields large quantities of water in large areas of the State
Ogallala
Alluvium and Bolson Deposits
Edwards-Trinity (Plateau)
Edwards (Balcones Fault Zone)
OUTCROP
DOWNDIP
Trinity Group
Carrizo-Wilcox
Gulf Coast
February 1979
MINOR AQUIFERS
EXPLANATION
MINOR AQUIFERS
Yields large quantities of water in small areas or relatively small quantities of water in large areas of the State
OUTCROP
DOWNDIP
Woodbine
Queen City
Sparta
Edwards-Trinity (High Plains)
Santa Rosa
Hickory Sandstone
Ellenburger-San Saba
Marble Falls Limestone
Blaine Gypsum
Igneous Rocks
Marathon Limestone
Bone Spring and Victoria Peak Limestones
Capitan Limestone
Rustler
Nacatoch Sand
Blossom Sand
Purgatoire-Dakota
Others Undifferentiated (Not Shown)
February 1979

Source: Texas Department of Water Resources.

TABLE V-50

Texas

Average Annual Groundwater Recharge Rate and

Total Recoverable Storage

Aquifer	Annual effective recharge (acre-feet/year)	1974 Recoverable storage (acre-feet)
Major		
Ogallala	298,200	281,754,000
Carrizo-Wilcox	644,900	12,047,800
Edwards (Balcones Fault Zone)	438,700[1]	NA
Trinity Group	95,100	1,007,900
Alluvium and Bolson Deposits	434,000	32,665,500
Gulf Coast	1,229,800[2]	NA
Edwards-Trinity (Plateau)	776,000	NA
		NA
Minor		NA
Woodbine	26,100	NA
Queen City	682,100	NA
Sparta	163,800	NA
Edwards-Trinity (High Plains)[3]	NA	NA
Santa Rosa	23,500	NA
Hickory Sandstone	52,600	NA
Ellenburger-San Saba	29,400	NA
Marble Falls Limestone	26,400	NA
Blaine Gypsum	142,600	NA
Igneous Rocks	10,700	NA
Marathon Limestone	18,300	NA
Bone Spring and Victorio Peak		NA
Limestones	17,000	NA
Capitan Limestone	12,500	375,000
Rustler	4,000	NA
Nacatoch Sand	1,500	NA
Blossom Sand	700	NA
Purgatoire-Dakota[3]	NA	NA
Other Undifferentiated		NA
(Permian and Pennsylvanian)	2,400	NA
TOTALS	5,130,300	327,850,000

[1] The estimate provides for spring flow at San Marcos Springs and protection against water quality deterioration.

[2] The estimate provides for minimum land-surface subsidence.

[3] Included with Ogallala Aquifer.

[4] Ground-water supplies 70% of water used in Texas — 12.2 million acre/ft. annually.

Source: *Ground-water Availability in Texas*, Texas Department of Water Resources, September, 1979.

TABLE V-51

Texas

Historical Water Use[1]

(Acre-Feet)

	1940			1950			1960		
	Ground	Surface	Total	Ground	Surface	Total	Ground	Surface	Total
Municipal	273,000	85,944	358,945	350,000	279,712	629,712	544,444	542,138	1,086,582
Industrial	157,000	166,554	323,554	330,000	324,000	654,000	323,208	432,030	755,238
Irrigation	302,000	1,796,353	2,098,353	2,400,000	3,337,878	5,737,878	9,350,200	2,663,768	12,013,968
Total	732,000	2,048,852	2,780,852	3,080,000	3,941,590	7,021,590	10,217,852	3,637,936	13,855,788

	1970			1974		
	Ground	Surface	Total	Ground	Surface	Total
Municipal	875,234	927,152	1,802,386	986,400	1,045,200	2,031,600
Industrial	546,780	622,649	1,169,429	728,500	1,322,100	2,050,600
Irrigation	8,638,862	2,354,868	10,993,730	10,478.500	3,874,900	14,352,400
Total	10,060,876	3,904,669	13,965,545	12,193,400	6,242,200	18,435,600

[1] Information prior to 1974 (5) reflects reported (surveyed) water use in the State. Information for 1974 reflects TOTAL estimated use in the State including estimated values for non-reported water use.

Source: Texas Department of Water Resources.

TABLE V-52

Texas Water Use in 1974 (Thousands of Acre-Feet Per Year)

	Canadian	Red River	Sulphur	Cypress Creek	Sabine	Neches	Neches-Trinity	Trinity	Trinity-San Jacinto	San Jacinto	San Jacinto-Brazos	Brazos	Brazos-Colorado	Colorado	Colorado-Lavaca	Lavaca	Lavaca-Guadalupe	Guadalupe	San Antonio	San Antonio-Nueces	Nueces	Nueces-Rio Grande	Rio Grande	Total
GROUND WATER																								
Municipal	18.8	39.4	8.2	9.1	27.5	39.5	5.3	61.9	9.4	216.1	42.1	94.5	8.1	50.1	2.7	5.9	1.8	28.3	155.6	7.3	18.5	15.5	120.8	985.4
Manufacturing	30.5	10.6	1.2	1.7	19.1	85.9	2.8	13.5	6.9	217.1	21.8	17.0	3.5	7.4	4.1	1.0	[1]	6.3	16.4	0.6	2.5	2.0	16.2	488.1
Steam-Electric	6.0	-0-	-0-	-0-	-0-	-0-	-0-	6.7	-0-	13.8	-0-	9.2	-0-	1.3	-0-	-0-	-0-	5.1	2.3	-0-	0.8	-0-	9.5	54.5
Irrigation	1915.5	2015.9	-0-	[1]	1.9	9.7	-0-	20.9	4.7	120.0	16.2	3782.6	61.7	910.5	115.9	230.8	34.1	4.9	36.8	6.3	296.4	25.7	768.0	10478.5
Mining	4.8	4.2	0.5	1.2	1.9	2.8	0.3	4.3	1.7	16.2	2.5	27.5	4.2	76.0	0.2	1.1	0.4	0.8	3.3	0.5	1.6	2.5	27.0	185.5
Livestock	10.3	14.7	1.0	0.7	2.1	2.1	0.1	4.4	[1]	0.4	0.2	19.2	0.3	20.9	0.1	0.6	0.1	4.4	3.9	2.3	14.8	8.9	33.3	144.8
Other	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	2.7	-0-	-0-	2.7
SURFACE WATER																								
Municipal	12.0	42.5	14.2	3.2	17.8	17.9	18.8	366.1	-0-	65.9	7.2	129.2	[1]	119.9	-0-	-0-	1.4	4.2	-0-	4.3	1.5	94.6	124.5	1045.2
Manufacturing	3.7	4.4	28.5	153.1	65.6	108.8	69.6	115.7	48.2	91.5	82.7	214.2	8.4	14.0	4.0	-0-	22.2	31.0	0.3	13.0	0.7	32.2	7.1	1118.9
Steam-Electric	-0-	7.8	0.2	10.6	3.7	6.3	-0-	31.4	-0-	2.6	-0-	37.6	-0-	19.7	-0-	-0-	-0-	2.0	16.9	-0-	3.2	4.3	8.2	154.5
Irrigation	0.4	37.3	-0-	0.3	8.1	26.3	261.6	68.1	28.0	0.4	155.2	68.0	152.2	134.3	86.6	80.3	42.2	4.9	21.3	[1]	68.8	997.6	1633.0	3874.9
Mining	0.1	1.0	[1]	0.1	0.3	1.1	6.1	10.5	-0-	-0-	0.1	10.6	4.4	12.9	-0-	-0-	-0-	0.5	-0-	0.2	-0-	0.1	0.7	48.7
Livestock	5.1	20.0	7.9	4.0	9.9	9.8	1.0	25.0	0.3	3.5	1.4	45.3	2.1	15.0	1.1	3.7	1.2	6.0	2.2	0.6	1.6	1.0	1.4	169.2
Other	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
TOTAL	2007.2	2197.9	61.7	184.0	157.9	310.2	365.7	728.5	99.2	747.5	329.4	4454.9	244.9	1382.0	214.7	323.6	103.4	98.4	259.0	35.1	512.9	1184.4	2749.7	18750.9

[1] Less than 50 acre-feet

Source: Texas Department of Water Resources.

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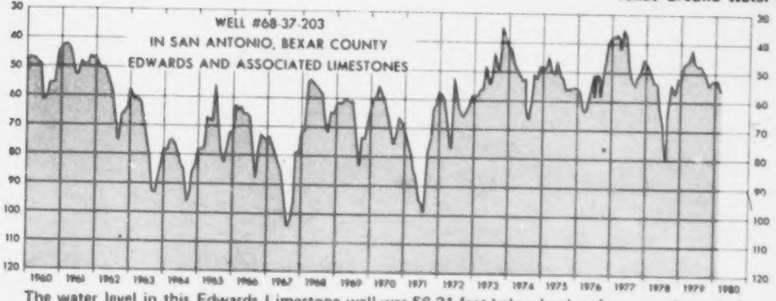
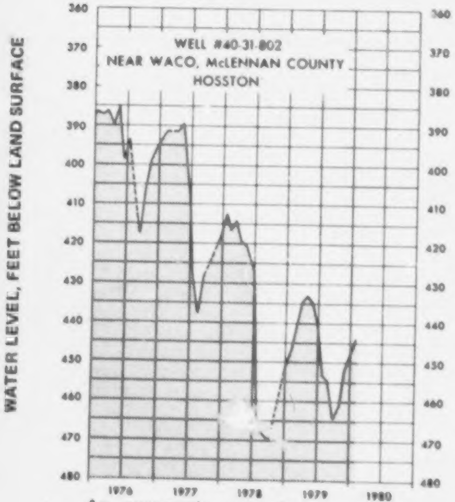
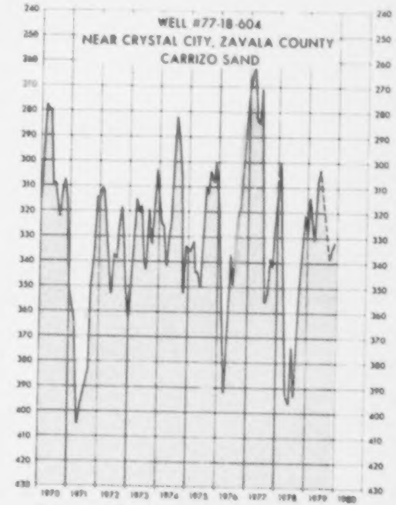
FIGURE V-13
Texas Ground Water Levels in Observation Wells



The water level in this Edwards Limestone well was 56.21 feet below land surface near the end of February. This measurement reflects a decline of 3.79 feet below the January measurement and is 10.06 feet below the measurement made in February 1979.



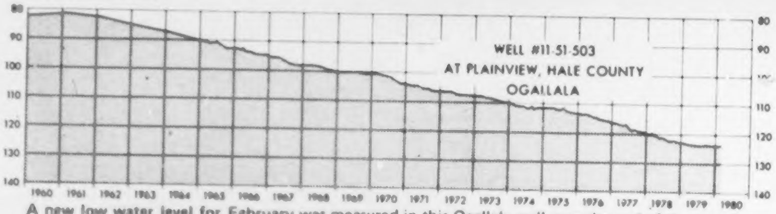
An automatic water-level recorder is installed on this Hosston Formation well, and the recorder will be serviced in March. The February water level will be published at a later date.



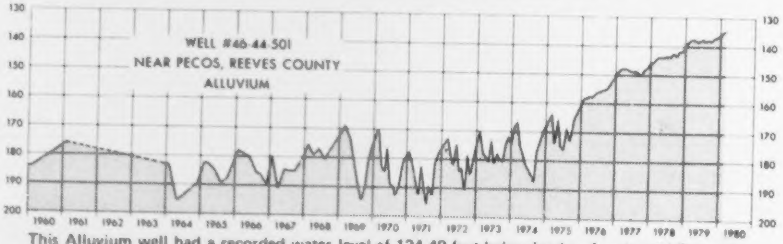
An automatic water-level recorder is installed on this Carrizo Sand well. The recorder will be serviced in March and the water level will be published at a later date.

The graphs are a representative sample of observations which indicate groundwater availability in different parts of Texas. The well in the Harris Galveston Coastal Subsidence District shows graphically the same trend seen on the next page, the land-surface subsidence map.

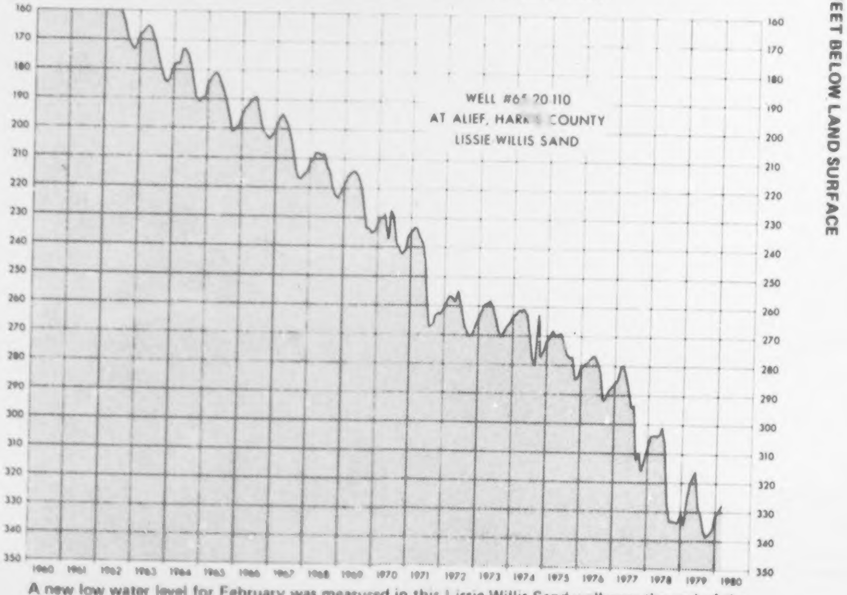
Source: Texas Department of Water Resources, "Texas Water," February, 1980.



A new low water level for February was measured in this Ogallala well near the end of the month. The water level of 123.80 feet below land surface shows a rise of 0.07 foot above last month's measurement but is 0.70 foot below the measurement made in February 1979.

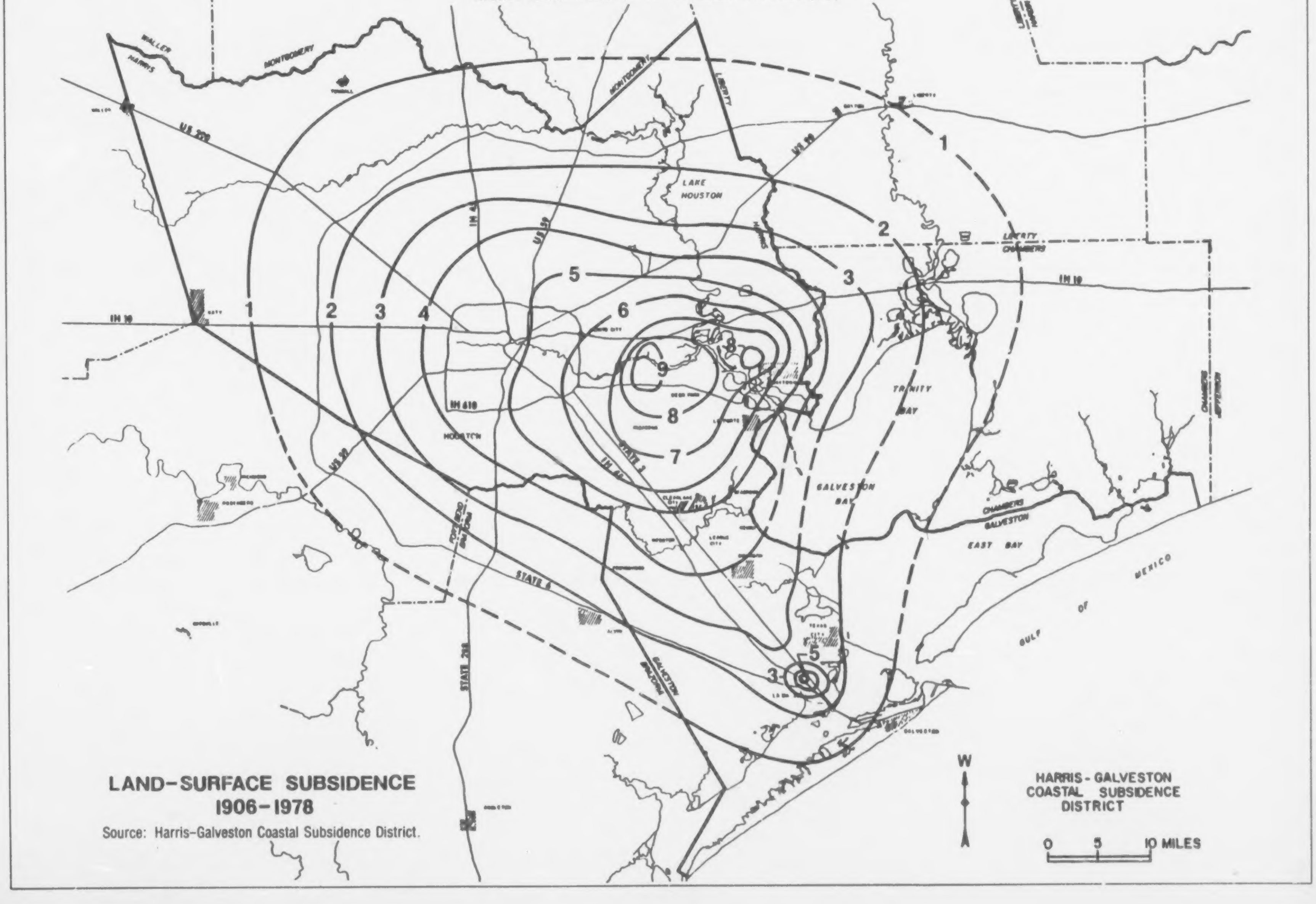


This Alluvium well had a recorded water level of 134.49 feet below land surface in mid-February. This measurement shows a rise of 0.71 foot above the January depth reading of 135.20 feet below land surface, and is 3.27 feet above the measurement made in February 1979.



A new low water level for February was measured in this Lissie-Willis Sand well near the end of the month. The water level of 327.51 feet below land surface shows a rise of 2.32 feet above last month's measurement but is 2.06 feet below the measurement made in February 1979.

FIGURE V-14
Houston-Galveston Land-Surface Subsidence 1906-1978 (feet)


1
2
3
4
5
6
7
8
9
WALLER
HARRIS
MONTGOMERY
LIBERTY
LIBERTY
CHAMBERS
CHAMBERS
JEFFERSON
CHAMBERS
GALVESTON
FORT BEND
BRAZORIA
GALVESTON
BRAZORIA
US 290
US 90
US 59
IH 45
IH 10
IH 610
STATE 3
STATE 6
STATE 288
LAKE HOUSTON
HOUSTON
TRINITY BAY
GALVESTON BAY
EAST BAY
GULF OF MEXICO
W
HARRIS - GALVESTON
COASTAL SUBSIDENCE
DISTRICT
0
5
10 MILES

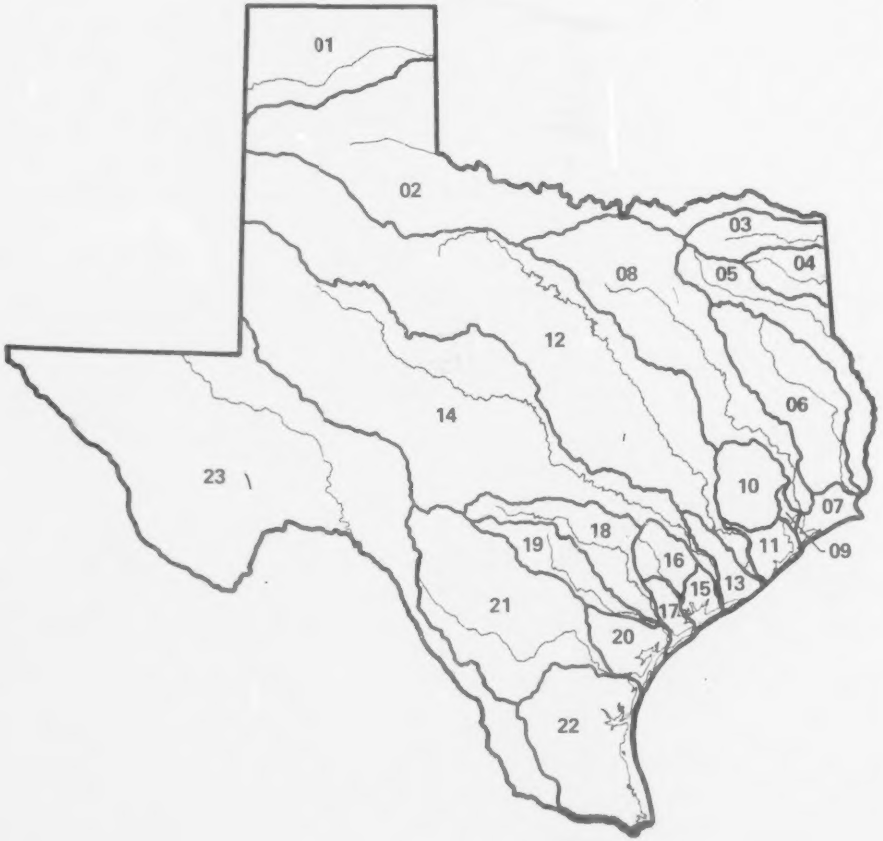
LAND-SURFACE SUBSIDENCE
1906-1978

Source: Harris-Galveston Coastal Subsidence District.

FIGURE V-15

Texas Surface Water Resources —

Rivers and River and Coastal Basins



Texas River Basins[1]

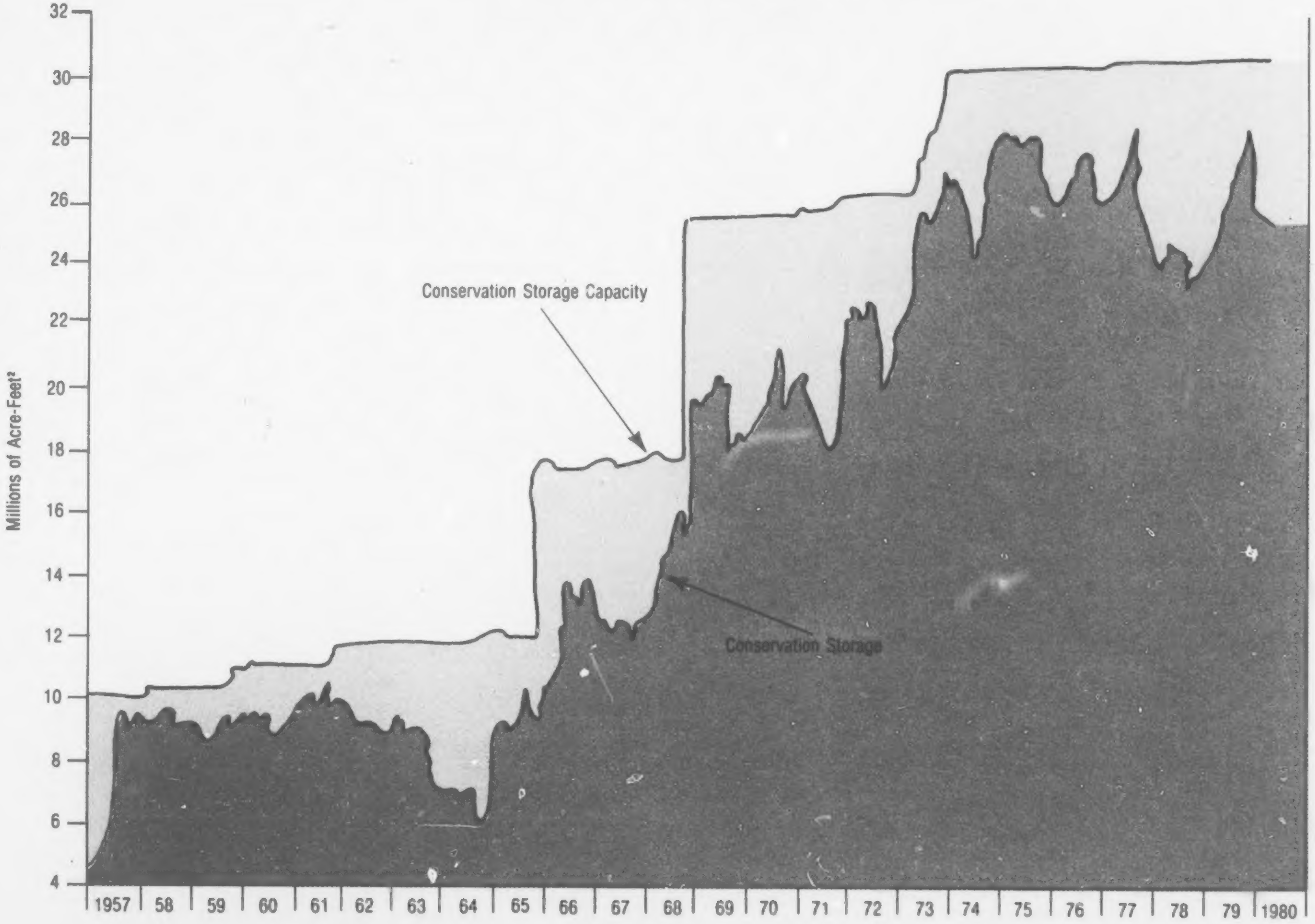
1. Canadian
2. Red
3. Sulphur
4. Cypress
5. Sabine
6. Neches
7. Neches-Trinity
8. Trinity
9. Trinity-San Jacinto
10. San Jacinto
11. San Jacinto-Brazos
12. Brazos
13. Brazos-Colorado
14. Colorado
15. Colorado-Lavaca
16. Lavaca
17. Lavaca-Guadalupe
18. Guadalupe
19. San Antonio
20. San Antonio-Nueces
21. Nueces
22. Nueces-Rio Grande
23. Rio Grande

[1] River basins are the planning regions of the Texas Department of Water Resources, as well as standard geographic units.

Source: Texas Department of Water Resources.

FIGURF V-16

Conservation Storage Data for Selected Major Texas Reservoirs[1]



[1] The entire graph is based on data representing 95% of total conservation capacity. However, 1957-1970 data are based on 60 reservoirs while the 1970-1979 data are based on 63 reservoirs.

[2] There are 169 major reservoirs of 5000 acre-feet or greater of total capacity. These reservoirs have a total conservation storage capacity of 32.3 million acre-feet and flood control storage capacity of 17.5 million acre-feet.

Source: Texas Department of Water Resources, Data Collection and Evaluation Section.

TABLE V-53

Irrigation Summary for Texas, 1958, 1964, 1969, and 1974

	All Irrigation		Surface-Water Irrigation Only		Ground-Water Irrigation Only		Irrigation Using Combined Supplies			Irrigation Wells	Sprinkler Systems
Year	Acres	Acre-Feet	Acres	Acre-Feet	Acres	Acre-Feet	Acres	Acre-Feet	Surface Source %	Number	Acres
1958	6,723,614	9,605,605	1,126,521	2,170,313	5,387,663	6,946,620	209,430	488,672	73	55,473	667,678
1964	7,706,881	12,509,652	1,184,961	1,992,067	6,235,614	9,989,649	286,306	527,936	38	70,565	1,076,729
1969	8,206,249	11,569,024	1,267,607	2,352,335	6,648,553	8,622,041	290,089	594,648	78	83,115	1,548,002
1974	8,618,054	13,082,262	1,272,397	2,186,062	7,089,624	10,279,992	256,033	616,208	80	90,469	1,853,893

Source: *Inventories of Irrigation in Texas, 1958, 1964, 1969, and 1974*, Texas Water Development Board, October 1975, p. 60.

TABLE V-54

Texas Water Quality

Summary Statements - Texas Water Quality	1977		1978		1978/1980	
Total stream miles classified as segment and subject to Texas Water Quality (Stream Standards)	15,732		15,565		16,107	
Stream miles currently fishable and swimmable	11,873	(75.5%)	13,649	(87.7%)	13,783	(85.6%)
Stream miles expected to be fishable and swimmable by 1983	866	(5.5%)	682	(4.4%)	1,092	(6.8%)
Stream miles not expected to be fishable and swimmable by 1983	2,992	(19.0%)	1,234	(7.9%)	1,232	(7.6%)
Due to natural conditions	957	(6.1%)	228	(1.5%)	230	(1.4%)
Due primarily to point source discharges	1,639	(10.4%)	609	(3.9%)	603	(3.7%)
Due primarily to nonpoint sources	397	(2.5%)	397	(2.5%)	399	(2.5%)
Stream miles currently in compliance with Stream Standards	13,061	(83.0%)	13,010	(83.6%)	13,492	(83.8%)
Stream miles currently not in compliance with Stream Standards	2,671	(17.0%)	2,554	(16.4%)	2,615	(16.2%)

Note: Figures rounded to the mile.

Source: *The State of Texas Water Quality Inventory*, 1977, 1978, 1979. Texas Department of Water Resources.

TABLE V-55

Commercial Fish Landings and Value By Species (Landings At Texas Ports From Texas Waters, In Pounds)

1965 Through 1977

	1965		1967		1969		1971		1973		1975		1977	
Species	**Catch**	**Value**	**Catch**	**Value**	**Catch**	**Value**	**Catch**	**Value**	**Catch**	**Value**	**Catch**	**Value**	**Catch**	**Value**
Shrimp	77,115,800	$ 21,933,447	80,707,500	$ 35,134,479	54,943,000	$ 32,685,380	66,247,800	$ 47,631,503	61,243,200	$ 63,863,120	55,467,900	$ 67,794,271	73,929,304[1]	$ 98,307,023
Cabio	7,400	592	8,600	989	13,800	1,760	14,200	1,533	16,000	2,436	28,700	4,963	18,000	4,649
Croaker	600	36	134,200	8,770	84,400	4,700	51,800	2,890	109,600	8,859	102,200	10,860	32,400	3,862
Black drum	1,469,400	135,991	1,058,300	144,237	716,500	78,533	1,129,400	116,500	1,215,300	153,557	1,162,000	206,251	1,446,600	397,948
Red drum	519,100	134,522	747,400	134,466	1,074,400	230,462	1,990,100	484,228	1,699,500	535,462	2,108,000	790,904	947,600	509,797
Flounder	240,200	60,309	230,700	58,941	131,995	56,411	270,000	65,319	309,200	96,128	525,700	165,901	307,300	266,342
Grouper	93,000	9,279	37,100	4,046	27,900	2,997	114,600	5,884	68,500	10,426	64,000	9,163	15,400	3,681
King whiting	200,500	8,572	145,200	8,460	57,400	493	61,500	4,047	81,400	8,525	158,300	16,242	28,600	4,437
Menhaden	16,085,100	291,622	8,470,800	96,567	7,319,700	123,295	26,430,700	441,001	0	0	0	0	0	0
Mullet	1,300	39	27,800	1,420	181,700	5,948	97,600	3,836	158,000	8,432	46,100	4,537	8,800	1,743
Pompano	7,000	2,195	19,100	2,495	3,600	1,582	3,200	1,506	2,100	912	6,600	3,122	800	522
Sea catfish	64,500	5,164	105,000	9,663	59,600	3,636	44,600	2,882	67,500	8,384	71,800	11,420	74,100	14,187
Spotted sea trout	910,300	315,879	1,386,700	363,320	1,166,900	255,990	1,485,300	326 487	1,949,900	639,439	1,798,900	695,067	1,345,200	672,398
White sea trout	0	0	43,600	4,378	18,300	6,451	1,900	207	5,800	741	15,000	3,742	6,500	3,552
Sheepshead	183,000	16,832	196,200	17,606	209,300	22,874	128,000	6,719	259,700	71,039	311,000	26,134	292,200	28,447
Red snapper	1,137,900	317,196	775,900	252,537	601,200	215,375	659,800	296,487	580,400	300,810	495,300	309,014	268,800	248,370
Blue crab	2,882,500	230,022	1,842,900	157,123	5,360,900	509,155	3,838,800	374,060	5,429,900	663,053	5,290,500	838,405	7,923,500	1,888,836
Oyster	2,474,845	1,354,700	3,532,900	1,484,493	3,634,200	1,524,805	4,671,400	2,276,348	871,600	1,812,554	1,756,000	1,392,028	2,600,500	2,991,744
Squid	23,900	2,390	9,500	902	6,900	699	3,200	1,508	5,400	783	6,500	1,423	13,800	4,144
Unclassified for food	43,900	22,050	179,500	10,159	168,300	7,973	35,460	5,374	125,700	10,617	306,700	32,159	116,200	21,296
Bait, reduction, animal food	65,500	2,671	72,200	2,161	320,800	11,503	45,300	1,730	190,300	8,632	234,300	14,949	159,100	22,325
Total	103,392,400	$ 24,843,508	99,731,100	$ 37,897,212	7,598,200	$ 35,750,022	107,324,600	$ 52,050,049	74,389,000	$ 68,203,909	69,955,500	$ 72,330,555	89,534,700	$105,395,303
% shrimp, crab, & oysters	94.6		97.0		97.1		96.6		97.3		96.8		97.9	

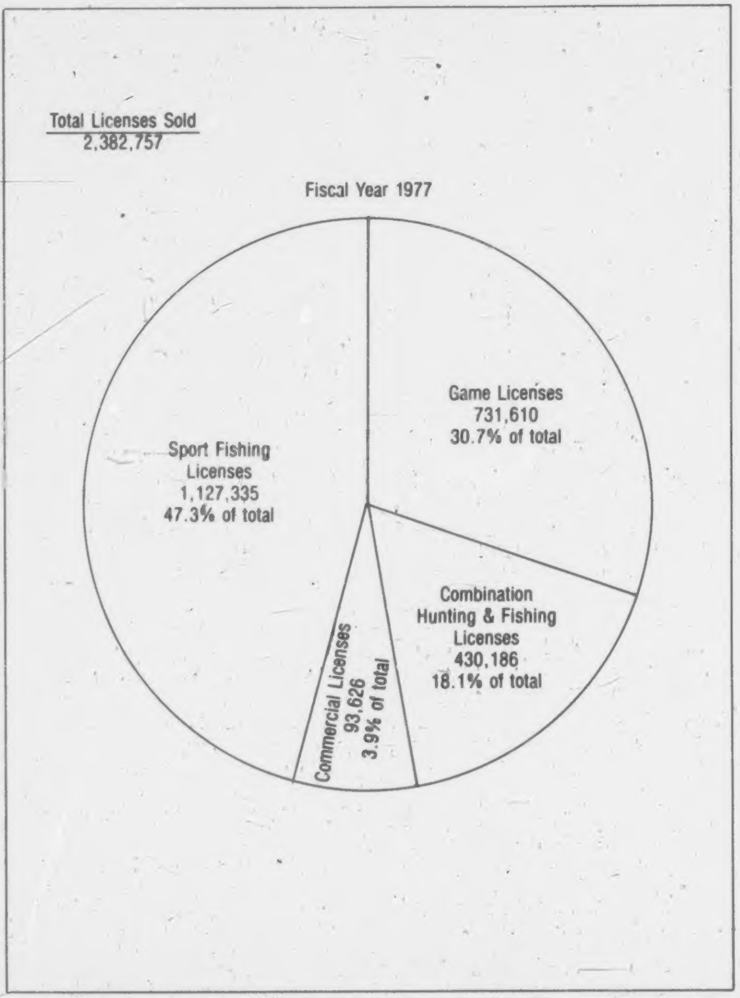
[1] All shrimp from Texas waters.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service 1979.

FIGURE V-17

Texas

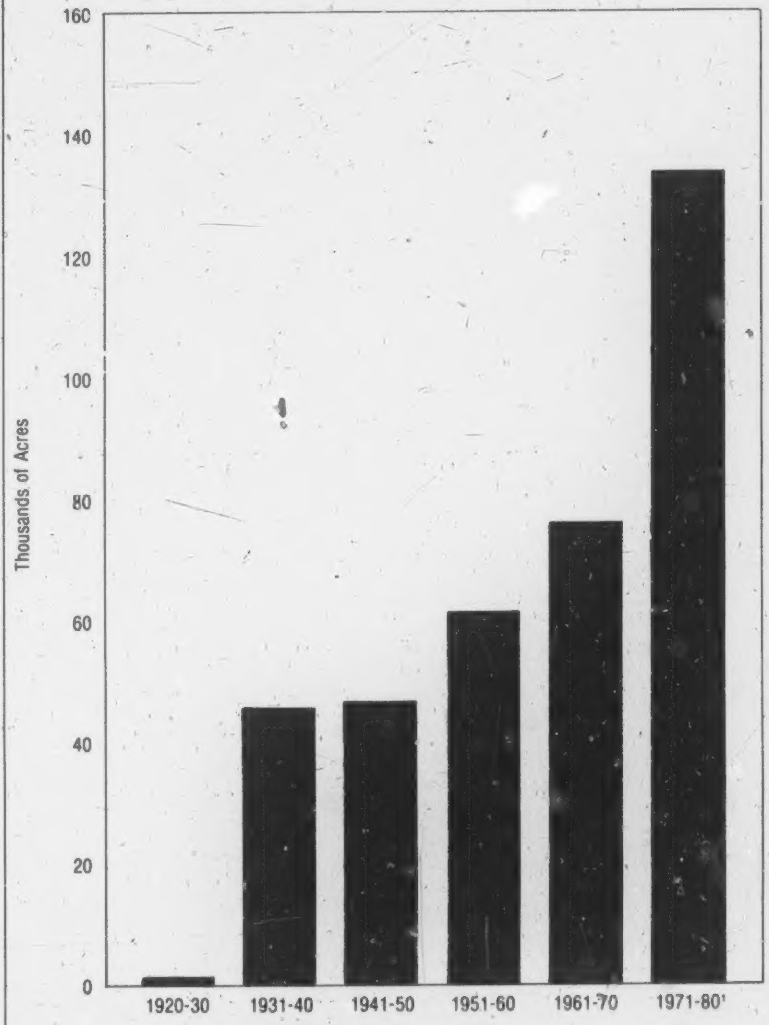
Distribution of Licenses Sold; Game Hunting, Sport Fishing, Combination Hunting and Fishing, And Commercial Licenses-Fiscal Year 1977



Source: Parks and Wildlife Department, taken from *Texas State Government Sourcebook*, GBPO, 1973.

FIGURE V-18

Growth of the Texas State Park System



[1] As of April 1980, there were 133,309.5 acres of state park land.

Source: Parks Division, Texas Parks and Wildlife Department.

TABLE V-60

Texas
Hunting License Sales

	Resident Hunting	Combination[2]	Exempt[2]	Non-Resident (all types)	Total[1]
1955-56	397,722			2,322	400,044
56-57	420,989			2,346	423,335
57-58	399,785			3,393	403,178
58-59	448,184			3,265	451,449
59-60	470,671			3,555	474,226
60-61	490,281			3,747	494,028
61-62	499,692			3,745	503,437
62-63	510,339			4,076	514,415
63-64	532,680			4,342	537,022
64-65	571,058			5,522	576,580
65-66	586,923		152,093	6,461	745,477
66-67	633,918		163,928	8,314	806,160
67-68	678,227		176,466	9,968	864,661
68-69	716,640		178,953	12,909	908,502
69-70	746,980		188,813	13,311	949,104
70-71	780,659		197,626	14,760	993,045
71-72	767,842		198,490	15,153	981,485
72-73	804,879		207,084	17,989	1,029,952
73-74	409,427	414,850	215,153	18,846	1,058,276
74-75	365,902	467,342	218,590	19,918	1,071,752
75-76	390,381	442,197	217,771	23,111	1,073,460
76-77	389,460	430,186	210,446	25,790	1,055,882
77-78	398,614	447,567	191,330	21,127	1,058,638
78-79	338,668	518,403	175,744	22,107	1,054,922

[1] Total No. of hunters, 1980: 1,032,815. No data available for previous years.

[2] No license classification in previous years.

Source: Planning Program, Wildlife Division, Texas Parks and Wildlife Department.

TABLE V-61

Texas
Major Game Species Populations, 1950-1980

	1950	1960	1970	1980
White-tailed Deer	500,000	1,112,000	3,120,000	3,200,000
Mule Deer	6,500	77,000	160,000	181,000
Antelope	9,000	11,200	14,200	14,000
Javelina	100,000	125,000	140,000	230,000
Turkey	100,000	250,000	400,000	500,000
Quail	31,000,000	36,000,000	35,000,000	33,000,000
Squirrel	16,600,000	13,300,000	11,600,000	10,000,000
Mourning Doves	5,000,000	5,000,000	5,000,000	5,000,000
White-winged Dove	400,000	200,000	300,000	400,000
Ducks[1]	666,925	775,280	731,601	3,781,100
Geese	132,150	341,150	371,428	988,650

[1] Increase result from expanded surveys over the years.

Source: Planning Program, Wildlife Division, Texas Parks and Wildlife Department.

TABLE V-62

Texas

State Park Visitation

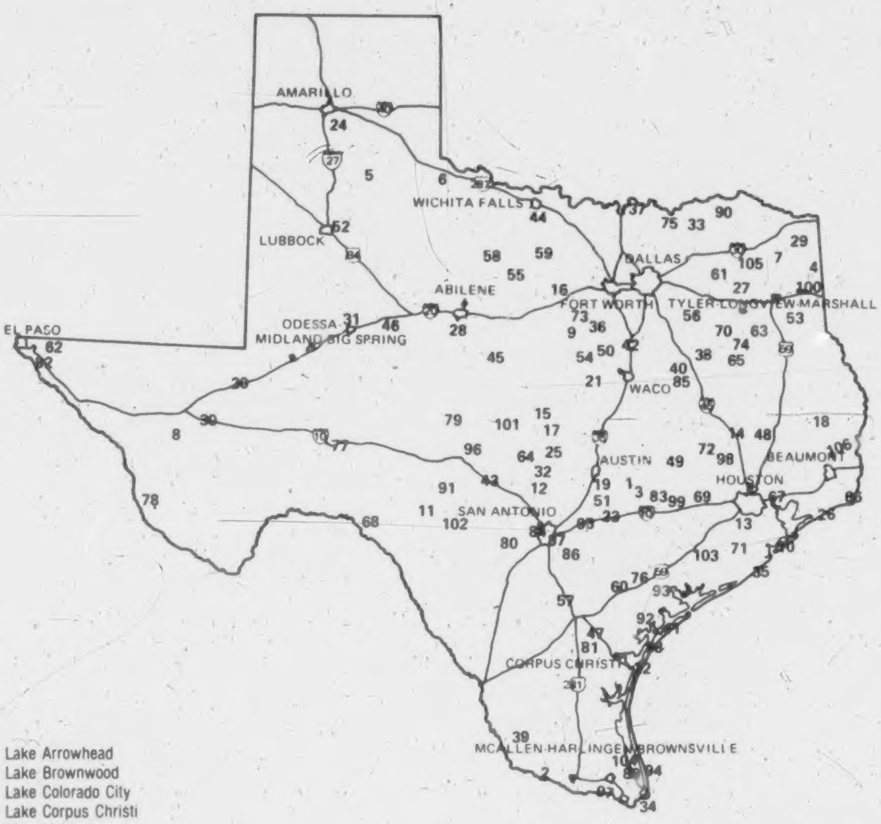
No. Parks	Fiscal Year	Visitation
34	FY39	684,383
36	FY40	1,067,147
38	FY41	1,510,943
38	FY42	1,813,131
38	FY43	2,085,100
38	FY44	2,003,689
38	FY45	2,143,682
38	FY46	2,479,199
38	FY47	2,518,559
38	FY48	2,558,503
38	FY49	3,125,013
40	FY50	2,002,212
40	FY51	1,850,459
40	FY52	2,411,910
41	FY53	2,265,057
41	FY54	2,494,054
42	FY55	2,663,412
41	FY56	3,066,287
41	FY57	3,131,925
44	FY58	3,599,278
44	FY59	4,001,734
46	FY60	4,670,243
46	FY61	4,728,556
45	FY62	4,905,946
45	FY63	5,142,549
44	FY64	5,421,229
46	FY65	5,989,767
48	FY66	5,925,358
49	FY67	6,466,291
51	FY68	6,991,443
59	FY69	6,637,809
68	FY70	7,279,804
70	FY71	8,477,723
70	FY72	8,526,761
69	FY73	11,730,225
80	FY74	12,215,975
81	FY75	13,033,296
90	FY76	14,332,942
91	FY77	14,730,614
95	FY78	13,653,310
87	FY79	13,256,531

Beginning with FY50 Mackenzie State Recreation Area was deducted from the total number of state parks. Also, the number of visitors was deducted from total visitation.

Source: Parks Division, Texas Parks and Wildlife Department.

FIGURE V-19

Texas State Parks System



State Parks
1. Bastrop
2. Bentsen-Rio Grande
3. Buescher
4. Caddo Lake
5. Caprock Canyons
6. Copper Breaks
7. Daingerfield
8. Davis Mountains
9. Dinosaur Valley
10. Galveston Island
11. Garner
*12. Guadalupe River
*13. Hale Ranch Park Site
14. Huntsville
15. Inks Lake
16. Lake Mineral Wells
17. Longhorn Cavern
18. Martin Dies, Jr.
19. McKinney Falls
20. Monahans Sandhills
21. Mother Neff
*106. Village Creek Park Site
22. Mustang Island
23. Palmetto
24. Palo Duro Canyon
25. Pedernales Falls
26. Sea Rim
27. Tyler
*96. South Llano River Site
*97. Resaca de la Palma Site

State Recreation Areas
28. Abilene
29. Atlanta
30. Balmorhea
31. Big Spring
32. Blanco
33. Bonham
34. Brazos Island
35. Bryan Beach
36. Cleburne
37. Eisenhower
38. Fairfield Lake
39. Falcon
40. Fort Parker
41. Goose Island
42. Jeff Davis
43. Kerrville
44. Lake Arrowhead
45. Lake Brownwood
46. Lake Colorado City
47. Lake Corpus Christi
48. Lake Livingston
49. Lake Somerville
50. Lake Whitney
51. Lockhart
52. Mackenzie
53. Martin Creek Park Site
54. Meridian
55. Possum Kingdom
*56. Purtis Creek Site
57. Tips
*103. Palmetto Bend Site
*104. Arroyo Colorado Site
*105. Lake Bob Sandlin Site

State Historical Parks
58. Fort Griffin
59. Fort Richardson
60. Goliad
61. Governor Hogg Shrine
62. Hueco Tanks
63. Jim Hogg
64. Lyndon B. Johnson
65. Mission Tejas
66. Sabine Pass Battleground
67. San Jacinto Battleground
68. Seminole Canyon
69. Stephen F. Austin
70. Texas State Railroad
71. Varner-Hogg Plantation
72. Washington-on-the-Brazos

State Historic Sites
73. Acton
*74. Caddoan Mounds
75. Eisenhower Birthplace
76. Fannin Battleground
77. Fort Lancaster
78. Fort Leaton
79. Fort McKavett
*80. Landmark Inn
81. Lipantilan
82. Magoffin Home
83. Monument Hill
84. Jose Antonio Navarro
85. Old Fort Parker
*86. Rancho de las Cabras Site
87. San Jose Mission
*98. Fanthorp Inn
*99. Kreische Complex
*100. Starr Mansion

State Historic Structures
*88 Fulton Mansion
89. Port Isabel Lighthouse
*90 Sam Bell Maxey House
*95. Sebastopol House

State Natural Areas
91. Lost Maples
101. Enchanted Rock
*102 Hill Country

State Fishing Piers
92. Copano Bay
93. Port Lavaca
94. Queen Isabella

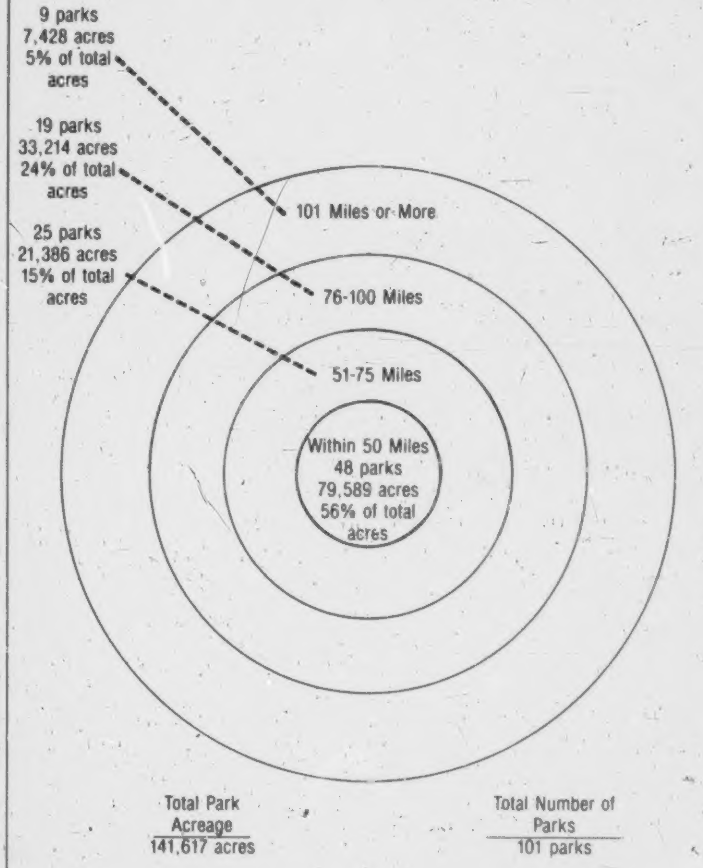
*Park Not Open To Public

Source: Texas Parks and Wildlife Department.

FIGURE V-20

State Parks In Proximity To Population Centers in Texas Containing 100,000 Inhabitants Or More-Fiscal Year 1977

Fifty-six percent (56%) of the total state park acreage is within 50 miles of major population centers in Texas.



Source: Parks and Wildlife Department, taken from *Texas State Government Sourcebook*, GBPO, 1978.

TABLE V-63

Cultural Resources Statistics

	Total Estimated	Total Known
Recorded prehistoric and historic sites in Texas. These known sites represent a time span of 15,000 years of Texas history and prehistory, and they have produced valuable scientific data on past cultures, climate, flora, and fauna.		30,000
Estimated total number of prehistoric and historic sites in Texas. This gross estimate is interpolated from extant archeological surveys across the state. The figure will be refined as more data becomes available.	300,000	
Estimated yearly rate of partial or total destruction to archeological sites resulting from manmade and natural causes. This estimate is based upon cultural resource management data over a five-year period. The rate of destruction is expected to accelerate along with population and developmental growth in Texas.	6,000	
Documented historic shipwreck sites in Texas waters. These include early wrecks, such as the Spanish treasure fleet of AD 1554, and ships lost at later time periods, such as Civil War vessels.		1,544
National Register properties in Texas. This figure represents the current inventory of prehistoric and historic sites afforded federal protection under the National Historic Preservation Act of 1966.		735
State Archeological Landmarks in Texas. State Archeological Landmarks include all prehistoric and historic sites located on lands belonging to or under the jurisdiction of the State of Texas, as well as designated sites on private lands with landowner approval. State Archeological Landmarks come under the jurisdiction of the Texas Antiquities Committee.		
Recorded State Archeological Landmarks on public lands		800
Recorded State Archeological Landmarks in state parks		486
State Archeological Landmarks on private property		24
State Archeological Landmarks also having National Register of Historic Places status		314
Projects permitted by the Texas Antiquities Committee. All projects carried out on lands belonging to or under the jurisdiction of the State of Texas require a permit issued by the Texas Antiquities Committee to ensure proper consideration and protection of cultural resources during project-planning stages.		237
Texas Historical Commission Markers and Medallions. Historic markers and medallions have been placed in virtually every community in the State, attesting to the rich cultural heritage of Texas.		7,312
Prehistoric and historic sites interpreted for the public. Such sites range from Late Prehistoric Caddoan Indian villages to stately historic mansions.		68

Source: Office of the State Archeologist, Texas Historical Commission.

TRANSPORTATION

Funding
Highways
Railroads
Bus service
Mass transit
Ports
Air transport

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

2

TABLE VI-1

Texas

Appropriated Funds for Transportation (All Funds)[1]

HIGHWAY PLANNING, MAINTENANCE AND CONSTRUCTION	FY 1968	FY 1969	FY 1970	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977	FY 1978	FY 1979	FY 1980	FY 1981
State Department of Highways and Public Transportation[2]	531,892,196	538,387,797	650,059,906	682,629,581	675,991,401	699,236,833	725,974,993	741,409,478	790,519,303	816,825,138	1,015,232,545	1,055,097,124	1,304,281,240[4]	1,350,196,500[4]
Texas Mass Transportation[3] Commission	na	na	49,000	53,500	42,600	80,100	80,100	80,100	241,370	235,696	na	na	na	na
Traffic Safety[4]	—	—	—	—	—	—	—	—	8,464,326	8,993,540	na	na	na	na
Board of County and District[5] Road Indebtedness	7,694,256	7,666,848	7,555,671	7,489,300	7,457,890	7,462,670	7,462,274	7,461,477	7,322,000	7,323,000	N/A	N/A	N/A	N/A
Treasury Department	—	—	—	—	—	—	—	—	—	—	7,322,068	7,322,884	7,371,873[7]	7,376,374[7]
Subtotal	539,586,452	546,054,645	657,664,577	690,172,381	683,491,891	706,779,603	733,517,367	748,951,055	806,546,999	833,377,374	1,022,554,613	1,062,420,008	1,311,653,113	1,357,572,874
HIGHWAY REGULATION														
Railroad Commission[6] (Transportation Division)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,262,305	1,236,670	1,233,197	1,265,799	1,772,491	1,834,577
AIR FACILITIES MANAGEMENT AND PLANNING														
Aeronautics Commission	887,569	1,245,382	813,798	818,981	836,842	1,041,038	1,031,569	1,049,260	1,667,291	1,703,251	1,841,790	1,800,866	4,320,650	4,349,498
TOTAL TRANSPORTATION BUDGET	540,474,021	547,300,027	658,478,375	690,991,362	684,328,733	707,820,641	734,548,936	750,000,315	809,476,595	836,317,295	1,025,629,600	1,065,486,693	1,317,746,254	1,363,756,953
TOTAL STATE BUDGET	2,386,083,269	2,903,898,731	2,903,898,731	2,969,042,586	3,945,272,088	3,188,831,574	4,763,955,649	4,940,652,466	5,987,563,323	6,130,665,725	7,705,145,043	7,839,347,429	10,062,820,504	10,114,698,545
TRANSPORTATION AS A PERCENTAGE OF THE STATE BUDGET	22.7%	18.8%	22.7%	22.3%	17.3%	22.2%	15.4%	15.2%	13.5%	13.6%	13.3%	13.6%	13.1%	13.5%

[1] These totals reflect major appropriations for transportation, but exclude amounts appropriated for state colleges and universities or for state agencies less directly related to transportation.

[2] Formerly the State Highway Department.

[3] Legislatively authorized in 1969. In 1975, this statute was repealed. Commission merged with the Highway Department, creating the State Department of Highways and Public Transportation.

[4] Formerly the Governor's Office of Traffic Safety. Transferred by executive order to the State Department of Highways and Public Transporation in May, 1976.

[5] A function of the State Treasury Department beginning in fiscal year 1978.

[6] Excludes pipelines but includes funds for rail planning. Prior to fiscal year 1976, appropriations do not set out Railroad Commission budgets by divisions.

[7] Vetoed by the Governor. See veto proclamation in the [illegible] appropriations bill.

Source: State of Texas Appropriations Bills (1979, 19[illegible] 1975, 1973, 1971, 1969 and 1967).

TABLE VI-2

Miles of Roads, Streets and Highways
in Texas 1950-1978

	Highways	County Roads	City Streets	Total
1950	36,686	161,806	26,388	224,880
1960	57,652	140,848	36,606	235,106
1970	67,254	137,480	47,196	251,930
1978	70,978	136,705	54,429	262,112

Highway (Only) Lane Miles
in Texas 1960-1978[1]

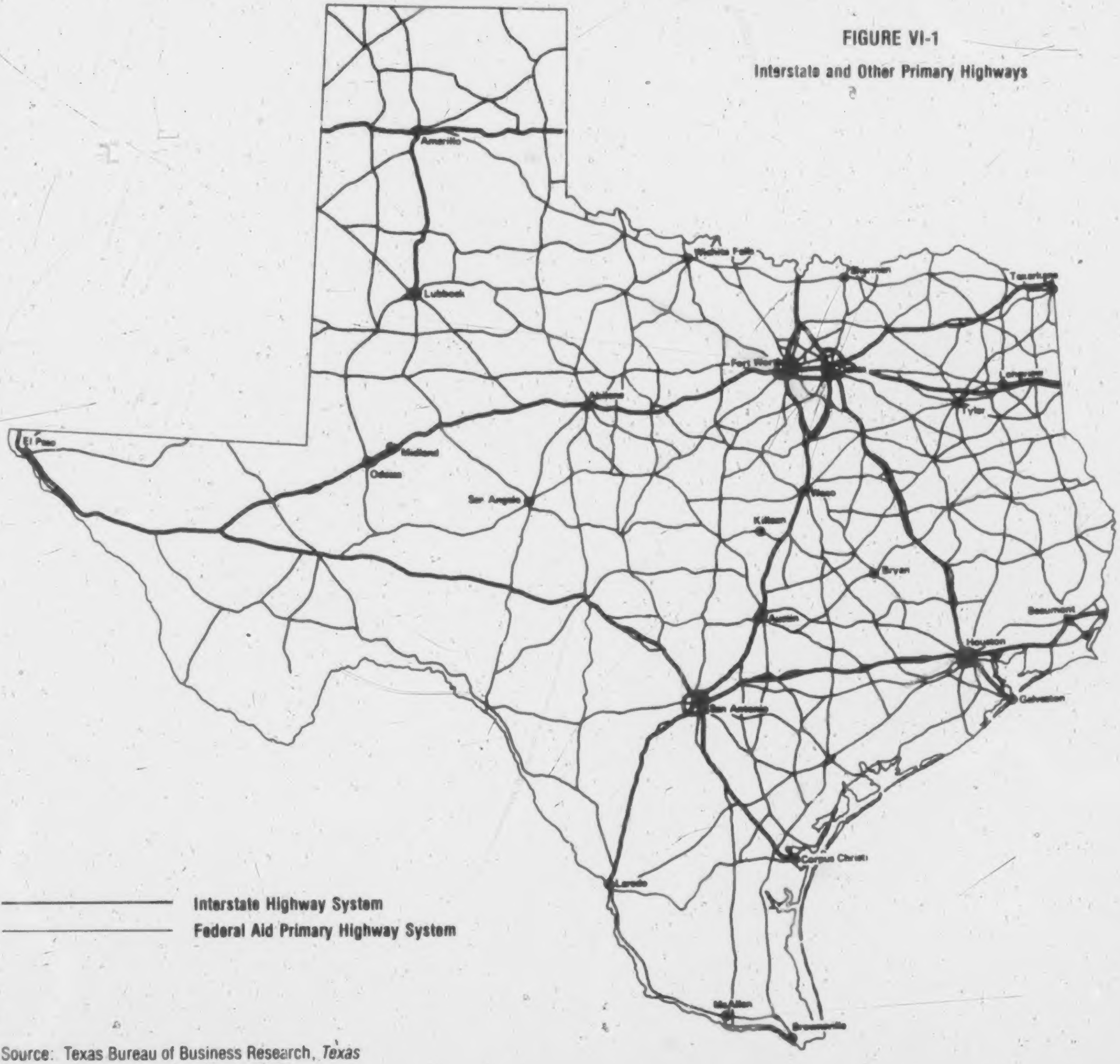
1960	125,693
1970	157,714
1978	173,601

[1] Lane mileage reflects total miles of state highways. This is in contrast to center lane mileage levels, which count road mileage as if all highways were single lane roads.

Source: State Department of Highways and Public Transportation.

FIGURE VI-1

Interstate and Other Primary Highways


Amarillo
Lubbock
Wichita Falls
Sherman
Texarkana
Fort Worth
Dallas
Longview
Tyler
Abilene
El Paso
Midland
Odessa
San Angelo
Waco
Killeen
Bryan
Austin
Beaumont
Houston
Galveston
San Antonio
Corpus Christi
Laredo
McAllen
Brownsville
Interstate Highway System
Federal Aid Primary Highway System

Source: Texas Bureau of Business Research, *Texas Transportation Handbook* (1976).

TABLE VI-3

Texas Highway Road Mileage[2]

	Fiscal Year			
	1950[3]	1960[3]	1970	1978
Class of Road				
Rural Highways and Roads				
Two-Lane-Primary-U.S. and State			20,455	16,683
Two-Lane-Secondary-Farm to Market			36,715	30,223
Multi-Lane-Primary-U.S. and State			2,248	2,231
Multi-Lane-Secondary-Farm to Market			65	38
Controlled Access–All Systems			1,806	1,381
Total	33,412	53,394	61,289	50,556
Urban Highways and Roads				
Two-Lane-Primary-U.S. and State			1,713	4,478
Two-Lane-Secondary-Farm to Market			1,377	9,967
Multi-Lane-Primary-U.S. and State			1,603	2,627
Multi-Lane-Secondary-Farm to Market			128	245
Controlled Access–All Systems			863	2,197
Total	1,518	3,622	5,684	19,515
Right-of-Way Not logged	6,744	3,981	47	91
Grand Total[1]	41,674	60,997	67,020	70,161

[1] Figures may not add due to rounding.

[2] Based on maintenance activities. This total should be distinguished from lane mileage. Here only center stripe mileage is used.

[3] For fiscal years 1950 and 1960, road mileage was categorized by material used for construction of roads, therefore only totals and sub-totals are available.

Source: State Department of Highways and Public Transportation, *Biennial Reports* (17th, 22nd, 27th, and 31st eds.)

TABLE VI-4

Motor Carriers on Texas Highways

	Fiscal Year				
Number of	1974-75	1975-76	1976-77	1977-78	1978-79
Carriers Certified					
Intrastate[1]	1,990	1,969	2,003	1,956	1,994
Interstate[2]	N/A	7,836	7,433	8,425	9,145
Trucks Registered					
Intrastate[1]	41,923	41,564	51,250	56,629	66,870
Interstate[2]	166,783	207,145	239,017	249,546	314,959
Applications for Certification (all carriers)	3,614	3,487	4,106	4,417	4,739

[1] Intrastate carriers are categorized as common carriers, specialized carriers, or contract carriers operating solely in Texas.

[2] Interstate carriers register with the Interstate Commerce Commission as common, contract or specialized carriers. However, for their Texas registration, interstate carriers are categorized only if they carry exempt commodities.

Source: Railroad Commission of Texas, Transportation Division.

TABLE VI-5

Texas Total Vehicle Registration and Net License[1]

	Fiscal Year			
	1950	1960	1970	1978
Registered Vehicles	3,122,080	4,900,863	7,694,926	11,297,938
Net License Fees to Counties	$19,578,729	$26,976,041	$31,854,388	$36,172,677
Net License Fees to States	$28,213,243	$75,797,411	$145,534,966	$256,361,470
Total Net License Fees	$47,791,972	$102,773,451	$177,389,353	$292,534,147

[1] Figures may not add due to rounding.

Sources: State Department of Highways and Public Transportation, *Biennial Reports*, (27th Edition). Department of Public Safety, Division of License Issuance and Drivers Records.

TABLE VI-6

Texas Motor Vehicle Registration By Type of Vehicle[1]

Vehicle Type	1950	1960	1970	1975
Passenger Vehicle[2]	2,316,318	3,512,620	5,093,251	6,223,718
Commercial	373,278	631,009	1,213,870	1,766,148
Farm Trucks	212,332	192,396	192,955	198,513
Truck Tractors[3]	27,005	48,100	60,020	
Farm Truck Tractors	82	1,257	1,542	1,819
Trailers	114,590	320,910	563,974	778,993
House Trailers[4]	22,336	26,287	114,258	
Farm Trailers[5]			104,879	116,303
Motor Buses	1,892	1,216	992	799
City Buses	3,356	1,873	1,217	426
Motorcycles	27,324	46,212	145,766	272,803
Tractors	351	426	1,119	875
Machinery[3]			19,294	25,365
Exempt	32,904	102,294	126,426	191,815
Combination				61,288
Apportioned				54,124
Travel Trailers				129,539
Private Buses				9,221
Mobile Homes				44,622
Other			2,658	2,525
Total	3,132,568	4,885,300	7,642,221	9,878,896

[1] Due to a change in registration periods, vehicle registration by type vehicle is no longer available.

[2] Category included Private Buses until 1975.

[3] Truck tractor classification not used after 1972. Intrastate truck tractors are counted in the Combination figure. Interstate truck tractors are counted in the Apportioned figure.

[4] House trailer category divided in 1975 into Mobile Homes and Travel Trailers.

[5] Farm trailers and Machinery vehicles were issued licensing classifications in 1961.

Source: State Department of Highways and Public Transportation, Biennial Report, (17th, 22nd, 27th and 30th editions).

TABLE VI-7

Licensed Drivers in Texas[1]

Year	Number of Drivers[2]	% of Change
1980	9,126,311	3.7%
1979	8,798,891	4.5%
1978	8,416,552	2.5%
1977	8,212,988	4.1%
1976	7,879,863	.7%
1975	7,827,964	5.7%
1974	7,382,960	3.1%
1973	7,158,570	4.5%
1972	6,851,863	5.1%
1971	6,520,641	7.0%
1970	6,091,415	39.8%
1959	4,357,059	3.6%
1958	4,203,855	

[1] Figures for currently licensed drivers are somewhat less than those of licensed drivers in Texas. The latter figure would include persons with a suspended license.

[2] Figures reflect drivers as of January 1, of each year, except for 1958 and 1959. These figures are as of August 1. Data for the 1960s is unavailable.

Source: Texas Department of Public Safety, Division of License Issuance and Drivers Records.

TABLE VI-8

Net Gallons of Motor Fuel Taxed in Texas

For On-road Consumption

(1000's gallons)

	Gasoline	Diesel	Liquefied Gas	Total
1950	2,272,806	10,029	8,101	2,290,936
1960	3,536,585	117,060	68,807	3,722,452
1970	5,830,632	437,916	15,111	6,283,659
1978	8,472,887	1,057,910	17,670	9,548,467
1979	8,334,577	1,206,267	19,288	9,560,132

Source: State Department of Highways and Public Transportation.

TABLE VI-9

Average Miles Travelled Per Person in Texas[1]

	Total Road, Street, & Highway Vehicle Miles (millions)	Texas Census Population	Average Miles Per Person
1950	26,913	7,711,194	3,490
1960	41,339	9,579,677	4,315
1970	68,031	11,196,730	6,076
1978	109,360	13,385,000	8,170

[1] Vehicle miles divided by Census Population.

Source: State Department of Highways and Public Transportation.

TABLE VI-10

Construction Expenditures for Texas Highways[1]

Source	1950	1960	1970	1978
Federal	$114,644,172	$144,313,171	$204,174,158	$313,487,628
State	185,321,136	166,384,897	307,201,542	364,555,950
County	7,916,849	268,645	631,978	297,716
Other	3,280,928	2,496,222	2,774,730	7,520,887
Total[2]	$311,163,085	$313,462,935	$514,782,408	$685,862,182

[1] Includes transportation planning funds in 1950, 1960, and 1970. The 1978 figures do not include an expenditure of $9,321,174 for planning, due to a change in reporting procedures.

[2] Figures may not add due to rounding.

Source: State Department of Highways and Public Transportation, *Biennial Reports* (17th, 22nd, 27th, and 31st editions).

TABLE VI-11

Texas

Highway-Maintenance Expenditures

Class of Road	1950[2]	1960[2]	1970	1978
Rural Highways and Roads				
Two-Lane-Primary-U.S. and State			$24,684,231	$ 34,899,526
Two-Lane-Secondary-Farm to Market			30,532,021	43,834,594
Multi-Lane-Primary-U.S. and State			4,811,585	7,835,070
Multi-Lane-Secondary-Farm to Market			113,857	83,444
Controlled Access–All Systems			7,396,727	8,462,791
Total			$67,538,421	$ 95,115,426
Urban Highways and Roads				
Two-Lane-Primary-U.S. and State			$ 3,413,278	$ 12,552,298
Two-Lane-Secondary-Farm to Market			1,992,901	22,603,961
Multi-Lane-Primary-U.S. and State			4,065,599	12,068,288
Multi-Lane-Secondary-Farm to Market			201,197	721,506
Controlled Access–All Systems			6,726,454	27,765,864
Total			$16,130,209	$ 75,711,916
Right-of-Way Not logged			$ 29,401	$ 16,574
Grand Total[1]	$24,677,620	$4,872,670,865	$83,698,030	$170,843,916

[1] Figures may not add due to rounding.

[2] Due to changes in the accounting format, only total figures for 1950 and 1960 are available.

Source: State Department of Highways and Public Transportation, *Biennial Reports* (17th, 22nd, 27th, and 31st eds.).

TABLE VI-12

1978 Railroads Operating in Texas[1]

CLASS 1 RAILROADS

1. Atchison, Topeka & Santa Fe Railway Company
2. Chicago, Rock Island & Pacific Railroad Company
3. Missouri-Kansas-Texas Railroad Company
4. Fort Worth and Denver Railway Company
5. Missouri Pacific Railroad Company
6. Kansas City Southern Railway Company
7. St. Louis-San Francisco Railway Company
8. St. Louis Southwestern Railway Company
9. Southern Pacific Transportation Company
10. Houston Belt & Terminal Railway Company

CLASS 2 RAILROADS

1. Texas Mexican Railway Company

CLASS 3 RAILROADS

1. Texas Transportation Company
2. Texas & Northern Railway Company
3. Pecos Valley Southern Railway Company
4. Galveston, Houston & Henderson Railroad Company
5. Point Comfort & Northern Railway Company
6. Texas South-Eastern Railroad Company
7. Roscoe, Snyder & Pacific Railway Company
8. Georgetown Railroad Company, Inc.
9. Western Railroad Company
10. Angelina & Neches River Railroad Company
11. Quanah, Acme & Pacific Railway Company
12. Rockdale, Sandow & San Augustine Railroad Company
13. Moscow, Camden & San Augustine Railroad Company
14. Sabine River & Northern Railroad Company
15. Texas Central Railroad Company
16. Texas City Terminal Railway Company
17. Belton Railroad Company
18. Galveston Wharves
19. Great Southwest Railroad, Inc.
20. The Weatherford, Mineral Wells & Northwestern Railway Company

RAILROAD LESSOR (R-4)

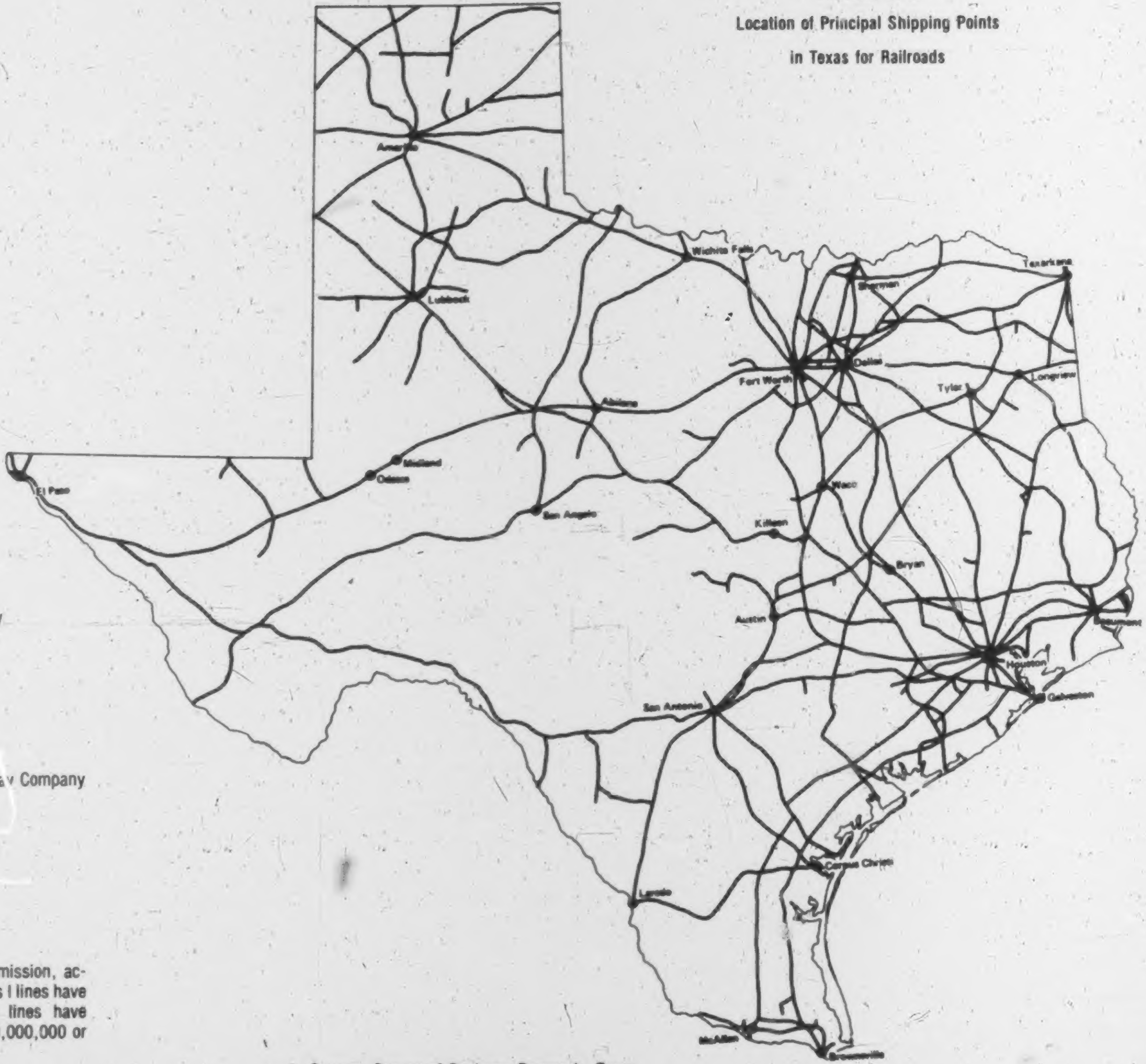
1. San Antonio Belt & Terminal Railway Company
2. Rio Grande, El Paso & Santa Fe Railroad Company
3. The Gulf & Inter-State Railway Company of Texas
4. Galveston Terminal Railway Company

[1] Railroads are classified, by the Interstate Commerce Commission, according to gross annual operating revenues. Currently, Class I lines have $50,000,000 or more in operating revenues. Class II lines have $10,000,000 to $50,000,000 and Class III lines have $10,000,000 or less.

Source: Railroad Commission of Texas, Rail Planning Office.

FIGURE VI-2

Location of Principal Shipping Points in Texas for Railroads


Amarillo
Lubbock
Wichita Falls
Sherman
Texarkana
Fort Worth
Dallas
Tyler
Longview
Abilene
Midland
Odessa
El Paso
San Angelo
Waco
Killeen
Bryan
Austin
Beaumont
Houston
Galveston
San Antonio
Corpus Christi
Laredo
McAllen
Brownsville

Source: Bureau of Business Research, *Texas Transportation Handbook* (1976).

TABLE VI-13

Statistical History of Railroad Operations in Texas

	1950	1960	1970	1977	1978[5]
Number of Carriers[1]	53	56	45	36	34
Average Miles Operational Including Trackage Rights[2]	15,555.01	14,677.67	13,545.18	13,058.99	13,035.82
Tons Revenue Freight	155,970,914	149,360,161	211,069,076	242,267,810	NA
Passengers	5,396,878	2,916,676	370,925	273,665	272,502
Railway Operating Revenues	$420,864,968	$438,531,081	$655,638,834	$1,314,952,036	NA
Railway Operating Expenses	$310,731,697	$347,353,628	$504,146,691	$993,342,280	NA
Operating Ratio	73.83	79.21	76.89	75.54	NA
Net Revenue from Railway Operations[3]	$210,133,271	$91,177,453	$151,492,143	$321,609,756	NA
Amount Per Mile Operated					
Freight Revenue	$22,021.66	$26,149.41	$42,245.42	$86,994.26	NA
Passenger Revenue[4]	$1,366.76	$937.69	$170.71	NA	NA
Net From Operations	$6,758.30	$5,903.36	$10,317.52	$22,097.69	NA
Freight Revenue Per Ton Mile	$.0132	$.0121	$.0134	$.0213	NA

[1] The total number of carriers includes operating carriers and terminal companies.

[2] Between 1950 and 1977, 1,419.19 miles of track were abandoned in Texas. From November 1979 to March 1980, 252 miles of track were approved for abandonment.

[3] Net revenue before interest and taxes.

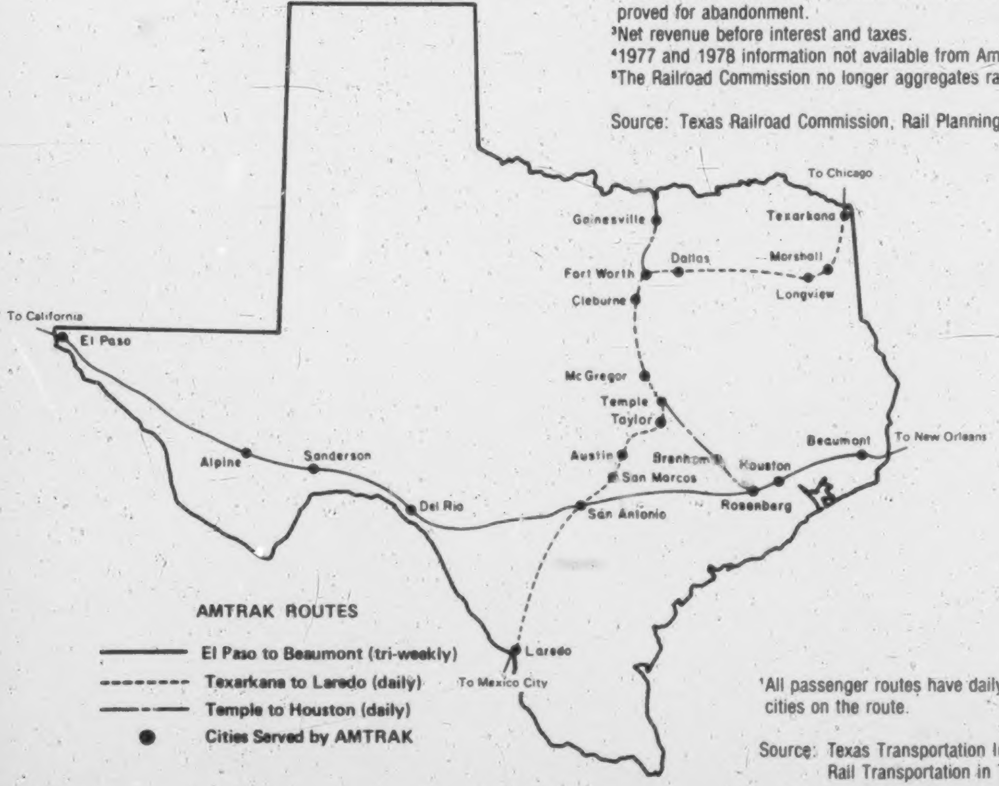
[4] 1977 and 1978 information not available from Amtrak.

[5] The Railroad Commission no longer aggregates rail data from carrier annual reports.

Source: Texas Railroad Commission, Rail Planning Office, and the Texas Almanac (1951-1952, 1961-1962, 1971-1972, 1980-1981).

FIGURE VI-3

Existing Rail Passenger Service[1]


To Chicago
Texarkana
Gainesville
Dallas
Marshall
Fort Worth
Longview
Cleburne
To California
El Paso
McGregor
Temple
Taylor
Beaumont
To New Orleans
Austin
Brenham
Houston
San Marcos
Alpine
Sanderson
Del Rio
San Antonio
Rosenberg
Laredo
To Mexico City
AMTRAK ROUTES
El Paso to Beaumont (tri-weekly)
Texarkana to Laredo (daily)
Temple to Houston (daily)
Cities Served by AMTRAK

[1] All passenger routes have daily service to all cities on the route.

Source: Texas Transportation Institute, Texas A&M University, Rail Transportation in Texas.

TABLE VI-14

Texas

Intercity Bus Transportation[1]

	1972	1973	1974	1975	1976	1977
Number of Companies	18	17	19	20	16	15
Revenue Passengers (millions)	N/A	N/A	11.3	10.5	14.6	14.5
Vehicles	1,772	1,799	1,359	1,456	1,490[2]	1,376[2]
Vehicle Miles (millions)	67.6[2]	64.3[2]	67.8[2]	65.1[2]	71.7	70.6
Employees	2,335	2,483	3,094[2]	2,981[2]	2,946	2,899
Operating Revenue (millions)	$58.1	$63.9	$70.9	$71.9	$82.4	$91.4
Operating Expense (millions)	$51.1	$55.9	$62.8	$65.7	$72.0	$77.9
Profit (millions)	$7.0	$8.0	$8.1	$6.2	$10.4	$13.5

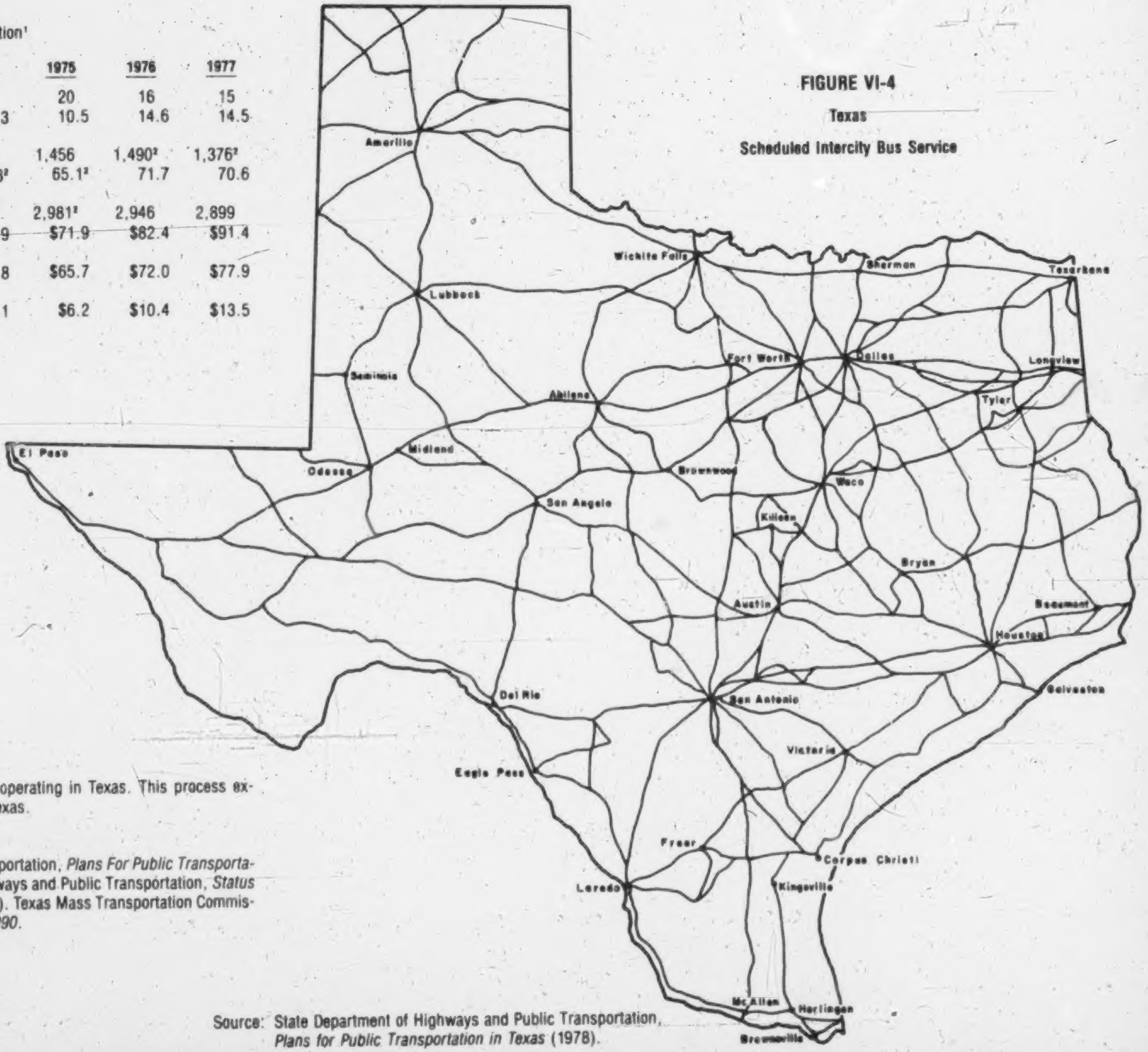
[1] Figures include Texas-based and major U.S. carriers operating in Texas. This process excludes a number of Mexico-based lines operating in Texas.
[2] Preliminary data or partial totals.

Source: State Department of Highways and Public Transportation, *Plans For Public Transportation In Texas* (1978). State Department of Highways and Public Transportation, *Status Report On Public Transportation In Texas* (1976). Texas Mass Transportation Commission, *Texas Transit Development Plan 1975-1990*.

FIGURE VI-4

Texas

Scheduled Intercity Bus Service


Amarillo
Wichita Falls
Sherman
Texarkana
Lubbock
Fort Worth
Dallas
Longview
Seminole
Abilene
Tyler
El Paso
Midland
Odessa
Brownwood
Waco
San Angelo
Killeen
Bryan
Austin
Beaumont
Houston
Del Rio
San Antonio
Galveston
Victoria
Eagle Pass
Freer
Corpus Christi
Laredo
Kingsville
McAllen
Harlingen
Brownsville

Source: State Department of Highways and Public Transportation, *Plans for Public Transportation in Texas* (1978).

FIGURE VI-5

Municipal Transit In Texas

PRIVATE:

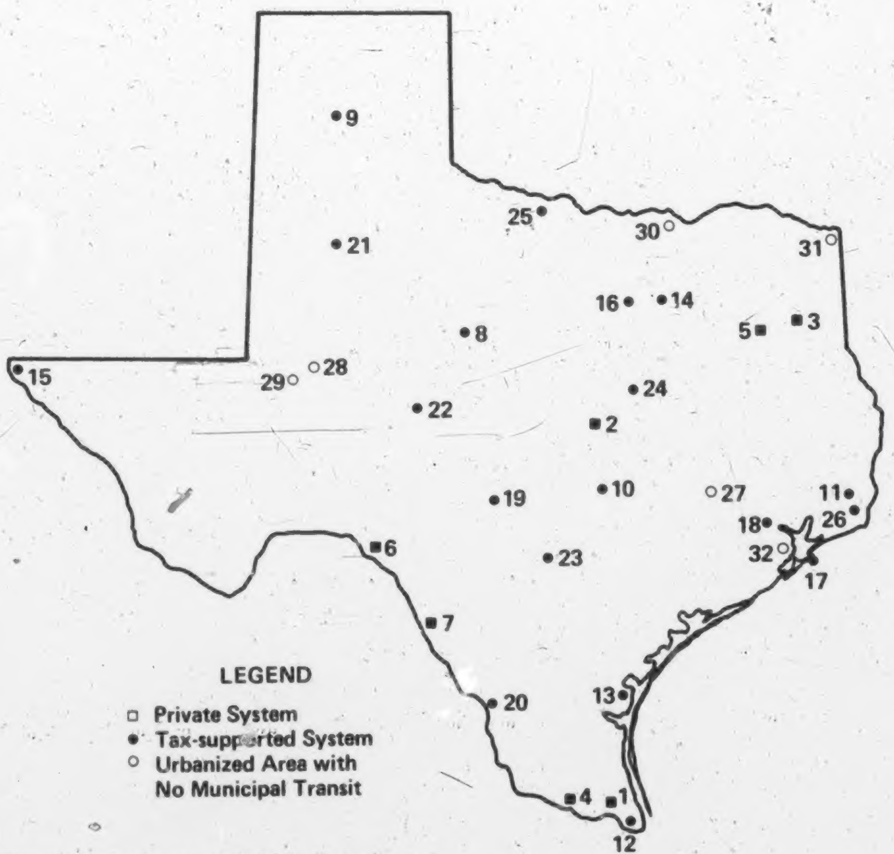
1. Harlingen-San Benito[1]
2. Killeen-Fort Hood
3. Longview
4. McAllen-Pharr-Edinburg[1]
5. Tyler
6. Del Rio[3]
7. Eagle Pass[3]

TAX SUPPORTED:

8. Abilene
9. Amarillo
10. Austin
11. Beaumont
12. Brownsville
13. Corpus Christi
14. Dallas
15. El Paso
16. Fort Worth
17. Galveston
18. Houston
19. Kerrville[2, 3]
20. Laredo
21. Lubbock
22. San Angelo
23. San Antonio
24. Waco
25. Wichita Falls
26. Port Arthur[5]

URBANIZED AREAS WITH NO TRANSIT:

27. Bryan-College Station
28. Midland[2]
29. Odessa
30. Sherman-Denison
31. Texarkana
32. Texas City-LaMarque


9
21
25
30
31
16
14
5
3
8
15
29
28
22
24
2
19
10
27
11
18
26
6
32
23
17
7
13
20
4
1
12
LEGEND
□ Private System
● Tax-supported System
○ Urbanized Area with No Municipal Transit

---

[1] These cities are served by a private intercity bus operation which provides some limited intracity service.
[2] In the process of implementing transit system.
[3] Non-urbanized areas.
[4] In 1954, all 37 Texas cities with transit service had privately owned systems. By 1973, transit operations had ended in 19 cities. Of the 18 cities with transit service in 1974, only four were in private operation with no local tax support.
[5] Port Arthur system became public in December 1979.

Source: State Department of Highways and Public Transportation, Transportation Planning Division, *Plans For Public Transportation In Texas*, 1978.

TABLE VI-15

Statewide Operating Statistics for Mass Transit in Texas

(Intracity)

	1974	1975	1976	1977	1978
Passengers (Regular and Transfer)	114,340,957	120,734,116	122,185,246	128,108,465	136,252,667
Vehicle Miles (Regular Route, Charter and Other)	49,271,827	52,243,173	50,677,157	54,234,867	60,999,981
Average Number of Total Serviceable Vehicles[1]	NA	1,732	1,572	1,619	1,837
Average Number of Employees	NA	3,249	NA	3,580	3,983
Total Operating Revenues	$ 32,156,551	$ 37,252,879	$ 35,613,977	$ 41,708,007	$ 44,135,214
Total Operating Expenses[2]	$ 44,130,366	$ 55,359,083	$ 60,291,234	$ 70,521,114	$ 93,893,933
Net Public Operating Cost	$ 11,973,815	$ 18,106,204	$ 24,677,257	$ 28,813,107	$ 49,758,719
Total Operating Revenue Per Vehicle Mile	.77	.71	.70	.77	.72
Total Operating Expense Per Vehicle Mile	.90	1.06	1.19	1.30	1.54

[1] Figures for 1975 and 1976 are the actual number of buses on regular routes.

[2] Federal and local operating statistics are excluded from these figures. For some individual transit systems federal and local assistance may balance their spending.

Source: State Department of Highways and Public Transportation, *Texas Transit Statistics* (1977, 1978). Texas Transit Operations (1975, 1976). Texas Mass Transportation Commission, *Texas Transit Operations* (1974).

TABLE VI-16

Financial Assistance to Texas Mass Transit Systems[1]

(Intracity)

	1975	1976	1977	1978
Federal	$17,796,390	$33,125,027	$53,958,565	$94,928,058
State[2]	2,198,897	3,661,109	5,911,554	10,441,387
Local[2]	5,020,317	8,240,209	25,225,167	59,875,654
Total	$25,015,604	$45,026,345	$85,095,286	$165,245,099

[1] Assistance includes funds for capital projects, operating expenses, technical studies, research and development, and managerial training. Funds are primarily from the Urban Mass Transportation Administration.

[2] State and local funds are matching funds to receive federal aid. State funds are not available for operating expenses.

Source: State Department of Highways and Public Transportation, Transportation Planning Division, *Texas Transit Statistics* (1977, 1978). Texas Transit Operations (1975, 1976)

TABLE VI-17

Foreign and Domestic Freight Traffic – Major Texas Ports

(Short Tons)

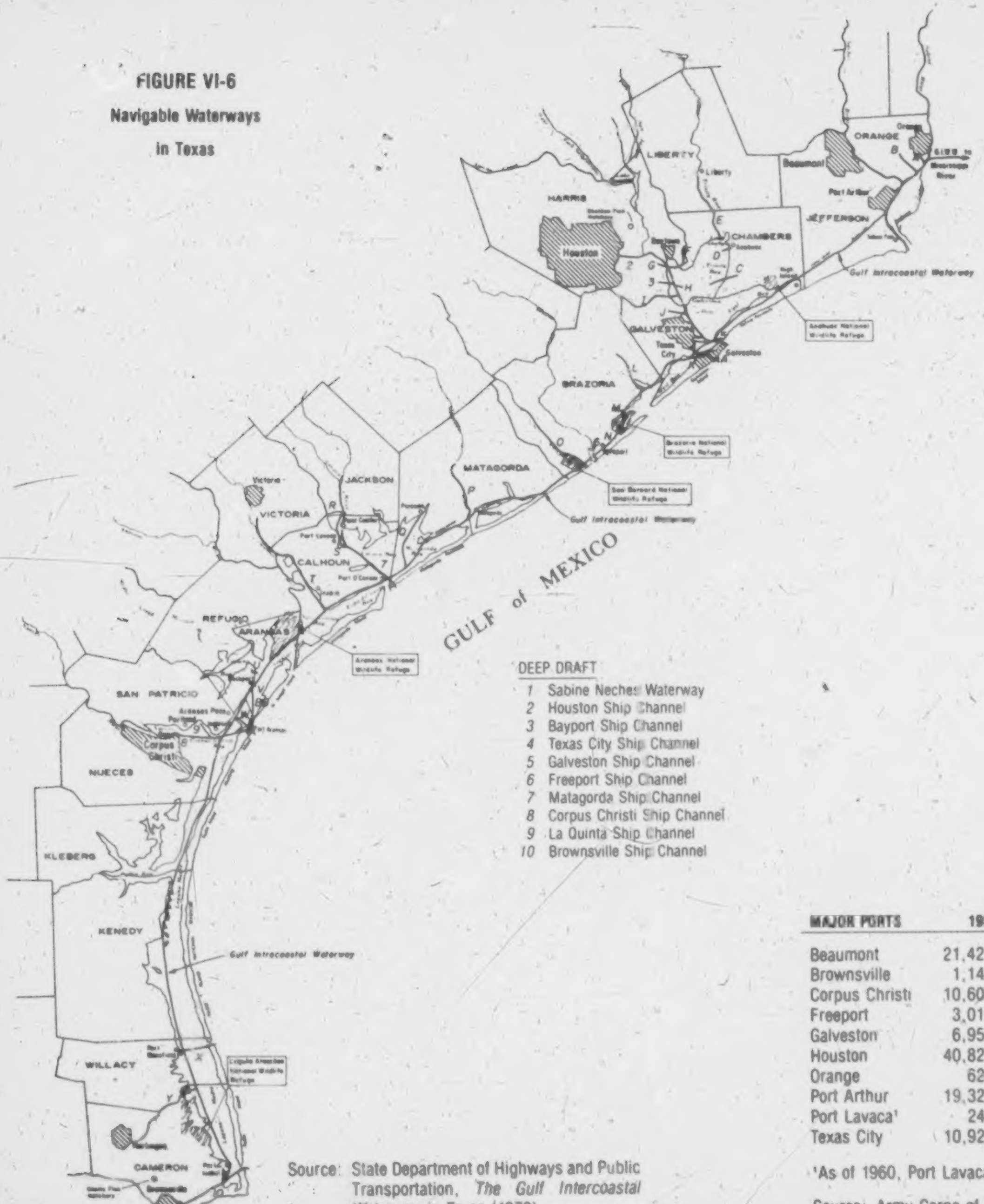
	1958				1967				1977			
	Foreign		Domestic		Foreign		Domestic		Foreign		Domestic	
MAJOR PORTS	Imports	Exports	Receipts	Shipments	Imports	Exports	Receipts	Shipments	Imports	Exports	Receipts	Shipments
Beaumont	240,315	621,375	4,640,515	18,827,061	48,178	3,257,430	8,962,757	18,490,938	23,869,867	2,934,483	9,039,337	14,677,239
Brownsville	41,744	281,656	214,208	351,442	1,900,360	856,907	312,879	1,988,683	848,176	234,287	471,229	526,748
Corpus Christi	3,435,655	916,318	791,606	11,030,103	3,020,747	2,634,270	3,003,697	14,239,146	849,359	287,667	459,967	699,147
Freeport	40,343	324,057	673,150	2,980,542	91,494	992,745	1,566,439	1,540,298	10,139,892	1,277,342	1,933,741	1,981,543
Galveston	204,646	4,119,187	581,591	1,361,003	200,076	2,064,278	316,198	85,459	1,653,239	5,921,565	446,534	1,540,254
Houston	3,849,857	5,589,932	4,978,897	32,214,251	3,632,341	10,148,950	9,432,051	26,642,247	35,513,712	15,513,712	15,140,367	33,058,876
Orange	2	31,732	488,793	481,893	1,931	142,818	832,874	576,116	145	25,289	841,636	136,261
Port Arthur	122,436	1,968,701	4,330,191	17,096,457	113,528	2,290,750	7,912,238	12,670,230	14,0082,124	2,601,343	2,903,164	11,201,345
Port Lavaca[1]	—		79,813	381,190	3,089,696	100,925	590,495	826,512	2,958,417	261,181	297,887	377,325
Texas City	363,875	324,437	4,552,851	8,816,850	53,806	276,235	8,546,796	7,223,622	12,314,057	740,179	7,626,672	12,874,752
TOTAL	8,298,873	14,177,395	21,331,615	93,540,792	12,152,157	22,765,308	41,476,424	84,283,251	102,155,688	29,847,048	37,160,534	77,073,490
GRAND TOTAL	22,476,268		114,872,407		34,917,465		125,759,675		132,002,736		114,124,024	

[1] As of 1960, Port Lavaca traffic appears as Matagorda Bay Channel traffic in source materials.

Source: Army Corps of Engineers, *Waterborne Commerce of the United States* (1958, 1967 and 1977).

FIGURE VI-6

Navigable Waterways in Texas


LIBERTY
HARRIS
Houston
CHAMBERS
ORANGE
Beaumont
Port Arthur
JEFFERSON
Gulf Intracoastal Waterway
GALVESTON
Galveston
Texas City
BRAZORIA
MATAGORDA
JACKSON
VICTORIA
Victoria
CALHOUN
Port Lavaca
REFUGIO
ARANSAS
GULF of MEXICO
SAN PATRICIO
Corpus Christi
NUECES
KLEBERG
KENEDY
WILLACY
CAMERON

SHALLOW DRAFT

- *A* Adams Bayou Channel
- *B* Cow Bayou Channel
- *C* Double Bayou Channel
- *D* Anahuac Channel
- *E* Trinity River (To Liberty, Texas)
- *F* Cedar Bayou Channel
- *G* Barbour Terminal Channel
- *H* Five Mile Cut Channel
- *I* Clear Creek Channel
- *J* Dickinson Bayou Channel
- *K* Offats Bayou Channel
- *L* Chocolate Bayou Channel
- *M* Bastrop Bayou Channel
- *N* Oyster Creek Channel
- *O* San Bernard River Channel
- *P* Colorado River Channel
- *Q* Palacios Channel
- *R* Red Bluff Channel
- *S* Port Lavaca Channel
- *T* Victoria Channel
- *U* Little Bay-Fulton Channel
- *V* Rockport Channel
- *W* Aransas Pass Channel
- *X* Port Mansfield Channel
- *Y* Arroyo Colorado Channel
- *Z* Port Isabel Channel
- *AA* Galveston Channel*
- *BB* Lydia Ann Channel*

*Alternate G.I.W.W. Channels

DEEP DRAFT

- *1* Sabine Neches Waterway
- *2* Houston Ship Channel
- *3* Bayport Ship Channel
- *4* Texas City Ship Channel
- *5* Galveston Ship Channel
- *6* Freeport Ship Channel
- *7* Matagorda Ship Channel
- *8* Corpus Christi Ship Channel
- *9* La Quinta Ship Channel
- *10* Brownsville Ship Channel

Source: State Department of Highways and Public Transportation, *The Gulf Intracoastal Waterway in Texas* (1978).

TABLE VI-18

Total Freight Traffic - Major Texas Ports

(Short Tons)

MAJOR PORTS	1950	1955	1960	1965	1970	1975
Beaumont	21,425,323	22,862,971	27,113,780	31,565,743	30,480,706	30,582,512
Brownsville	1,141,800	1,307,238	970,361	3,574,426	4,986,243	2,829,009
Corpus Christi	10,607,872	15,573,586	19,202,425	20,282,869	25,229,045	35,487,454
Freeport	3,014,177	4,936,391	3,648,739	4,590,577	5,282,973	8,194,136
Galveston	6,953,452	5,859,102	6,072,922	3,716,962	3,463,152	5,971,160
Houston	40,825,058	47,037,718	57,132,659	59,831,766	64,659,263	83,674,039
Orange	624,754	1,115,119	1,022,784	1,144,176	1,623,431	912,014
Port Arthur	19,323,487	21,577,553	28,207,396	25,413,796	22,671,406	26,597,557
Port Lavaca[1]	243,664	487,263	2,037,369	4,597,167	4,479,257	4,342,515
Texas City	10,928,572	14,310,112	15,401,847	18,155,411	17,097,411	23,863,770

[1] As of 1960, Port Lavaca traffic appears as Matagorda Bay Channel Traffic in source materials.

Source: Army Corps of Engineers, *Waterborne Commerce of the United States* (1958, 1967 and 1977).

TABLE VI-19

Texas Air Carrier Activity Statistics

	1950	1955	1960	1965	1970	1975	1978
STATEWIDE TOTALS							
Passenger Enplanements	1,149,731	2,325,369	3,043,318	5,616,728	10,015,635	14,505,069	22,109,411
Cargo (tons)	11,426	18,223	28,209	56,452	91,114	127,626	167,368
# of Points Receiving Passenger Service[1]	47	43	36	29	32	35	36
# of Points Served by:							
CAB Certificated Carriers	47	43	36	29	29	25	19
TAC Certificated Carriers[2]	na	na	na	7	21	23	35
# of Carriers Serving Texas:[3]							
CAB Certificated	9	9	9	10	11	11	13
TAC Certificated[2]	na	na	na	3	7	6	7
Total Carriers	9	9	9	13	18	17	20
THREE LARGEST AIR SERVICE AREAS							
Dallas-Ft. Worth Area[4]							
Passenger Enplanements	492,825	973,683	1,461,773	2,811,141	5,262,733	7,729,414	10,744,535
Cargo (tons)	6,546	10,718	20,456	36,573	51,583	71,225	92,642
# of Carriers[7]	6	6	6	7	12	14	14
Houston Area[5]							
Passenger Enplanements	229,250	494,689	630,921	1,269,658	2,208,954	3,369,125	5,569,782
Cargo (tons)	1,277	2,077	3,705	11,613	21,471	37,487	52,257
# of Carriers[7]	6	6	7	7	13	12	14
San Antonio[6]							
Passenger Enplanements	86,529	179,732	226,743	404,035	783,291	949,310	1,403,890
Cargo (tons)	2,396	1,352	1,455	4,028	7,256	4,225	6,096
# of Carriers[7]	4	4	4	5	8	8	8

---

[1] A total of 63 Texas Airports have received air passenger service for some period during the years 1948-1978.

[2] The Texas Aeronautics Commission initiated certification of intrastate carriers in 1963.

[3] Includes CAB and TAC certificated carriers only.

[4] Includes service to: Dallas-Love (throughout years listed); Ft. Worth—Meacham (through 1953); Ft. Worth-Greater Southwest (1953-1970); and Dallas/Ft. Worth Regional (1974 to present).

[5] Includes service to Hobby (throughout years listed) and Intercontinental (1970 to present).

[6] Includes service only to San Antonio International (throughout years listed).

[7] Includes CAB and TAC certificated carriers.

Source: Texas Aeronautics Commission.

TABLE VI-20

Class Distribution of General Aviation Aircraft in Texas by Year[1]

Aircraft Type	1965	1970	1975	1978
Piston				
Single Engine - less than 4 seats	2,720	3,299	3,902	6,044
Single Engine - more than 4 seats	3,127	4,780	5,846	7,914
Multi-Engine	872	1,515	1,852	2,466
Turbine				
Turboprop	0	139	355	402
Turbojet	0	116	236	337
Helicopter				
Piston	0	97	132	263
Turbine	0	56	102	232
Other	0	98	178	335
Total	6,719	10,100	12,603	17,993

---

[1] Records on aircraft registrations available only since 1958. For the period 1958-76, totals include active aircraft. After 1976, totals include all registered aircraft.

Source: Texas Aeronautics Commission.

TABLE VI-21

Public Use Airports in Texas

Year	1960	1965	1970	1975	1978
Publicly Owned	209	212	242	293	301
Privately Owned	296	600	718	920	997
Paved	172	246	349	498	560
Lighted	112	212	272	337	367
Total	505	812	960	1213	1298
Private As % Of Total	.586	.738	.748	.758	.768

Source: FAA Statistical Handbook of Aviation.

TABLE VI-22

Texas

Public Use Airports in Urban Areas[1]

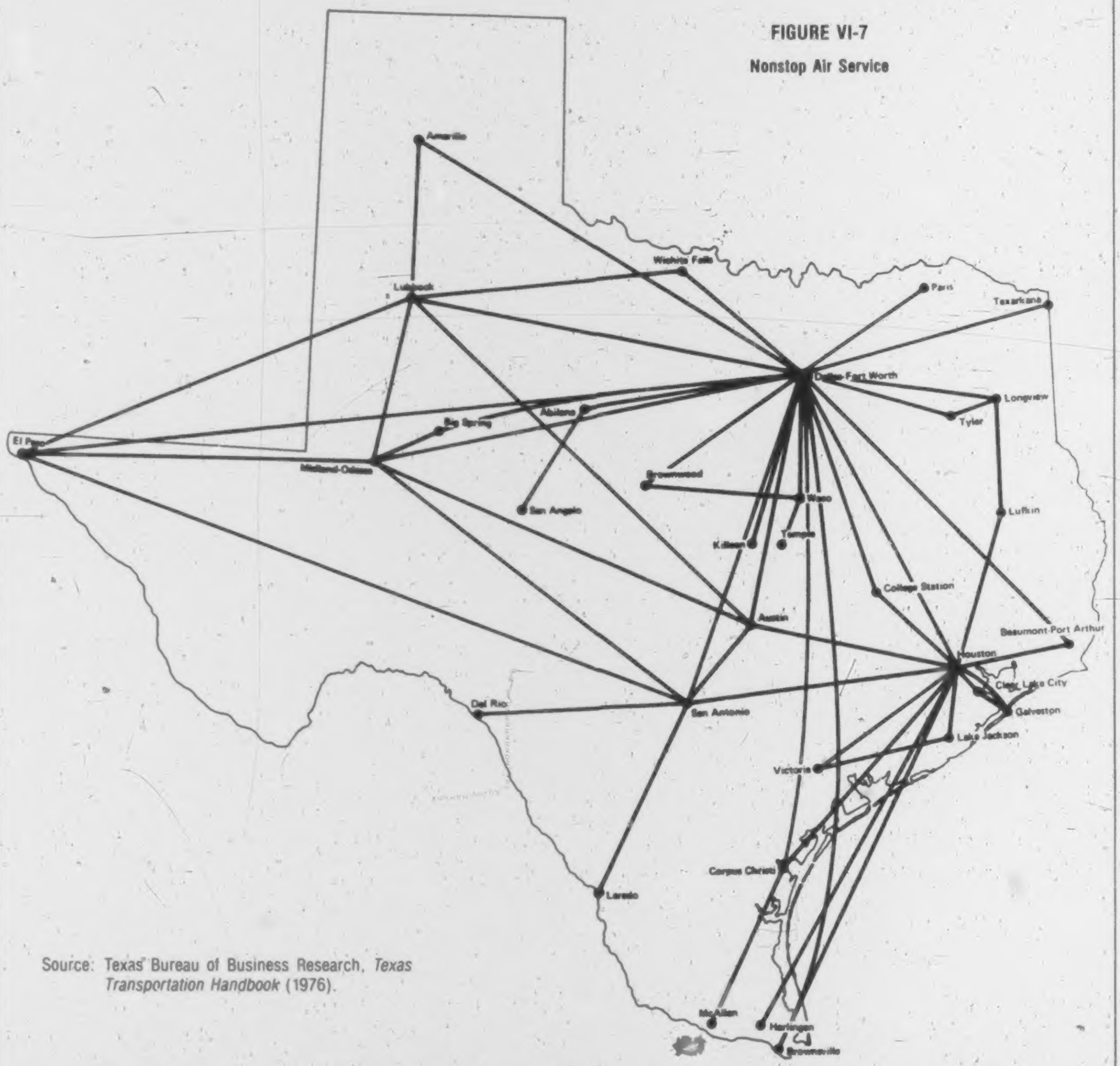
SMSA	1960	1970	1976	1979
Amarillo	4	4	3	5
Austin	7	8	9	9
Corpus Christi	6	6	8	8
Dallas/Ft. Worth	29	32	48	54
El Paso	4	3	3	3
Houston	19	26	27	27
Lubbock	5	6	4	4
Midland	3	2	2	2
San Antonio	10	6	10	10
Total	87	93	114	122

[1] Urban area airports are defined as any general aviation or reliever airport included in the Standard Metropolitan Statistical Area (SMSA) boundaries of a large, medium, or small hub city.

Source: *Texas Airport Directory.*

FIGURE VI-7

Nonstop Air Service


Amarillo
Wichita Falls
Lubbock
Paris
Texarkana
Dallas-Fort Worth
Longview
Tyler
Big Spring
Abilene
El Paso
Midland-Odessa
Brownwood
Waco
San Angelo
Lufkin
Killeen
Temple
College Station
Austin
Beaumont-Port Arthur
Houston
Clear Lake City
Galveston
Del Rio
San Antonio
Lake Jackson
Victoria
Corpus Christi
Laredo
McAllen
Harlingen
Brownsville

Source: Texas Bureau of Business Research, *Texas Transportation Handbook* (1976).

COMMUNICATIONS

N/A or NA – information is not available.
na – information is not applicable to the category for the time period specified.

TABLE VII-1

Texas

Trends In Switching Equipment

	Number of Central Offices	Phones (000's) by Type of Switchboard			(000's) Total Phones[1]
		Manual	Electro-Mechanic	Electronic[2]	
1950	610	394	1,289	0	1,683
1955	707	189	2,121	0	2,312
1960	818	18.5	3,126	0	3,146
1965	924	27	4,084	0	4,086
1970	1,093	2	5,846	31	5,903
1975	1,244	0	6,588	1,252	7,845
1978	1,366	0	5,404	4,095	9,505

[1] Includes mobile telephones not classified by type of switchboard.

[2] New Services Available in Telephone Exchanges With Electronic Switchboards

- "Zero +" dialing on collect and credit card calls
- Economical measurement of time-of-day, duration, and distance of local calls
- "Call-forwarding"—a person can program the central office switchboard to route their calls to a third number
- "Speed-calling"—a person can program the central office switchboard to dial important or frequently-used numbers automatically
- "Call-waiting"—a person is signaled when they are on the phone and are receiving another call. They are able to put one party on hold to receive an incoming call.
- Quality of Service improvements due to automatic diagnostic capabilities
- Lower maintenance costs due to self-diagnostic capabilities

Source: Federal Communications Commission (FCC), *Statistics of Communications Common Carriers* Washington, D.C.: FCC, Annual Reports for the Years 1950, 1955, 1960, 1965, 1970, 1975, and 1978, Tables 6 and 8.

TABLE VII-2

Growth In Number & Use Of Telephones In Texas

	Total Phones (000's)	Residential Phones (000's)	Business Phones (000's)	Phones Per 100 Population	Average Number of Local Calls Per Year[2] (millions)	Average Number of Long-distance Calls Per Year[2] (millions)
1950	1,683	1,136	547	22	3,852	72
1955	2,312	1,573	739	30	4,669	96
1960	3,146	2,183	892	33	6,049	152
1965	4,086	2,865	1,141	43	7,596	271
1970	5,903	4,213	1,593	56	11,396	576
1975	8,447	6,099	2,349	68	15,444	891
1978	10,245	7,394	2,851	78	18,938	1,361

[1] Does not include non-telephone company phones for which switching service is provided.

[2] Partly estimated.

Source: FCC, *Statistics Of Communications Common Carriers*, Washington, D.C.: FCC, Selected Years, Tables 6 & 8.

TABLE VII-3

Changes In Rural Phone Service[1] In Texas

	1961	1965	1970	1975	1978
Total Phones	108,613	153,071	223,701	354,455	420,879
Business Phones – % Of Total	10%	9%	8%	8%	8%
Residential Phones – % Of Total	79%	75%	70%	58%	56%
Other – % Of Total[2]	11%	16%	22%	34%	36%
Business Phones – Total	10,557	13,687	17,692	28,231	34,679
1 Party – % Of Total	68%	66%	67%	74%	76%
2 Party – % Of Total	9%	8%	5%	3%	1%
4 & 5 Party – % Of Total	2%	3%	5%	4%	3%
8 Party – % Of Total	13%	10%	7%	2%	1%
Other[3]	7%	13%	16%	17%	19%
Residential Phones	85,315	115,191	156,753	206,242	236,220
1 Party – % Of Total	18%	21%	32%	64%	71%
2 Party – % Of Total	10%	11%	9%	5%	4%
4 & 5 Party – % Of Total	17%	21%	30%	22%	19%
8 Party – % Of Total	54%	47%	29%	9%	6%

[1] Rural Phone Service refers to the customers served by companies with loans outstanding from the U.S. REA's programs for rural phone companies.

[2] Other includes phone company service phones and extension phones.

[3] Other includes pay phones; radio telephones; PBX, PABX & Key Systems.

Source: Rural Electrification Administration (REA), *Rural Telephone Borrowers – Annual Statistical Report*, Washington, D.C.: USDA, Selected Years, Table 17.

TABLE VII-4

Texas

Trends In Broadcast Television & Radio

	1950	1954	1960	1965	1969	1975	1979
Total Radio Stations	201	221	259	386	422	474	527
AM	171	211	241	274	286	280	307
FM	30	10	18	112	136	194	220
Television Stations	6	36	43	60	70	69	71

Source: *Texas Almanac*, Selected Years; and *Television Factbook—Stations Volume*, Washington, D.C.: Television Digest, Inc., Selected Years.

TABLE VII-5

Cable Television In Texas

	1968	1972	1975	1977	1979[1]
Number of Systems in Operation in Texas	136	177	234	255	261
Number of Systems Not Yet in Operation	90	80	78	45	[3]
Number of Pending Applications for CATV Franchises[2]	93	108	63	25	[3]
Number of Communities Served	[3]	[3]	309	369	401
Subscribers in Texas (1000's)	[3]	[3]	652	740	792
Number of Systems Serving Over 10,000	2	6	16	[4]	[3]

[1] Source of 1979 data is National Cable Television Association (NCTA), ''Cable Television Developments,'' February, 1980.

[2] This includes multiple applications for the same franchise. For example, in 1975, the 63 applications pending were for only 41 franchises.

[3] Data not available at this time.

[4] The table for 1977 was changed to report only those systems with 20,000 or more subscribers. There were four such systems in Texas in 1977.

Source: *Television Factbook — Services Volume* (selected years) and National Cable Television Association (NCTA).

TABLE VII-6

Texas

Trends In Public Library Service

	1960	1965	1968	1970	1975	1978
Population Served						
% of Population Served by Public Libraries	88.7	93.7	92.4	93.8	93.5	94.6
Total Number of Reporting Libraries	289	347	352	374	381	385
Counties Without Library Service	50	34	27	25	22	19
Expenditures per Capita[1]	$ .66	$1.05	$1.37	$1.84	$3.59	$4.09
Financial Support Trends						
Support from Local Tax Funds (City & County) in Millions of Dollars	[2]	[2]	14.0	19.2	38.8	49.9
Other Support	[2]	[2]	1.0	1.0	1.5	1.7
TOTAL	6.3	11.0	15.0	20.3	40.3	51.6
Libraries Receiving Appropriations from City Governments	[2]	[2]	239	271	280	282
Libraries Receiving Appropriations from County Governments	[2]	[2]	239	234	248	255
Changes in Services						
Development of Library Networks:						
# of Texas Libraries in the AMIGOS Network[4]	[2]	[2]	[2]	[2]	24[3]	86
# of Requests Filled Through the Texas State Library Loan Network	[2]	[2]	[2]	[2]	44,426	108,369
Counties with Videotape Equipment	[2]	[2]	[2]	[2]	[2]	34
Extension Units:						
Branches	[2]	[2]	144	152	218	235
Deposit Stations	[2]	[2]	76	47	247	142
Bookmobiles	[2]	[2]	50	54	64	60
Demand for Services						
Circulation of Books (millions)	18.3	27.6	28.9	32.2	38.9	41.0
Circulation of Non-Book Material (millions)[5]	[2]	[2]	.6	.7	2.0	2.0
Reference Questions Answered (1,000s)	[2]	[2]	[2]	[2]	5,623	6,627
Attendance at Special Programs (1,000s)[6]	[2]	[2]	[2]	[2]	2,601	2,539
Viewers of Film System (1,000s)	[2]	[2]	[2]	[2]	198	2,598
Viewers of Videotape Programs (1,000s)	[2]	[2]	[2]	[2]	[2]	14

[1] Per capita figure is derived from total population rather than total library patrons.

[2] No statistics available or service not offered at the time.

[3] This figure is for 1974.

[4] The AMIGOS network is an association of public, private, academic, school, and special libraries organized to provide computer-based library services to a seven-state area of the Southwest.

[5] Non-Book includes such items as periodicals, vertical files, films, tapes, art print, etc.

[6] Special Programs include children's story hour, book talks, lectures, and other educational/cultural programs.

Source: Texas State Library, Library Development Division.

TABLE VII-7

Texas

Trends In Library Services To The Blind And Physically Handicapped

Growth in Readership

Readers	1962	1967	1968	1970	1975	1978	1979
Braille	124	465	470	600	960	1,250	1,295
Phono disc	2,083	5,114	6,570	10,280	16,150	19,820	20,000
Open-reel tape	—	577	530	530	190	280	198
Cassettes	—	—	—	410	3,570	12,350	14,599
Large print	—	—	—	640	3,900	4,717	5,115

Growth in Circulation

	1962	1967	1968	1970	1975	1978	1979
Braille	4,169	26,255	29,300	31,000	25,100	30,200	31,500
Phono disc	56,467	138,320	162,500	180,400	428,100	547,000	564,000
Open-reel tape	—	2,299	3,600	4,200	2,000	800	138
Cassettes	—	—	—	900	26,200	164,900	216,700
Large print	—	—	—	5,900	17,100	31,949	35,570
	60,636	166,874	195,400	222,400	498,500	774,849	847,908

Source: Texas State Library (March 21, 1980).

TABLE VII-8

Texas

Trends In Newspaper And Periodicals Publication[1]

	1950	1955	1960	1965	1970	1975	1978
Number of Towns Where Publications are Issued	536	522	524	527	525	501	503
Number of Daily Newspapers	115	112	117	114	114	115	118
Number of Weekly Newspapers	564	521	530	537	538	485	468
Other Newspapers	30	27	30	37	45	67	73
Total Newspapers	709	660	677	688	697	667	659
Number of Periodicals Published in Texas	315	443	447	447	488	504	583
GRAND TOTAL — Newspaper and Periodicals	1,024	1,103	1,124	1,135	1,185	1,171	1,242

[1] Does not include high school papers, local church papers, and publications issued by institutions.

Source: *Ayer Annual Directory of Newspapers, Magazines and Trade Publications*, "Tabulated Statement" (selected years).

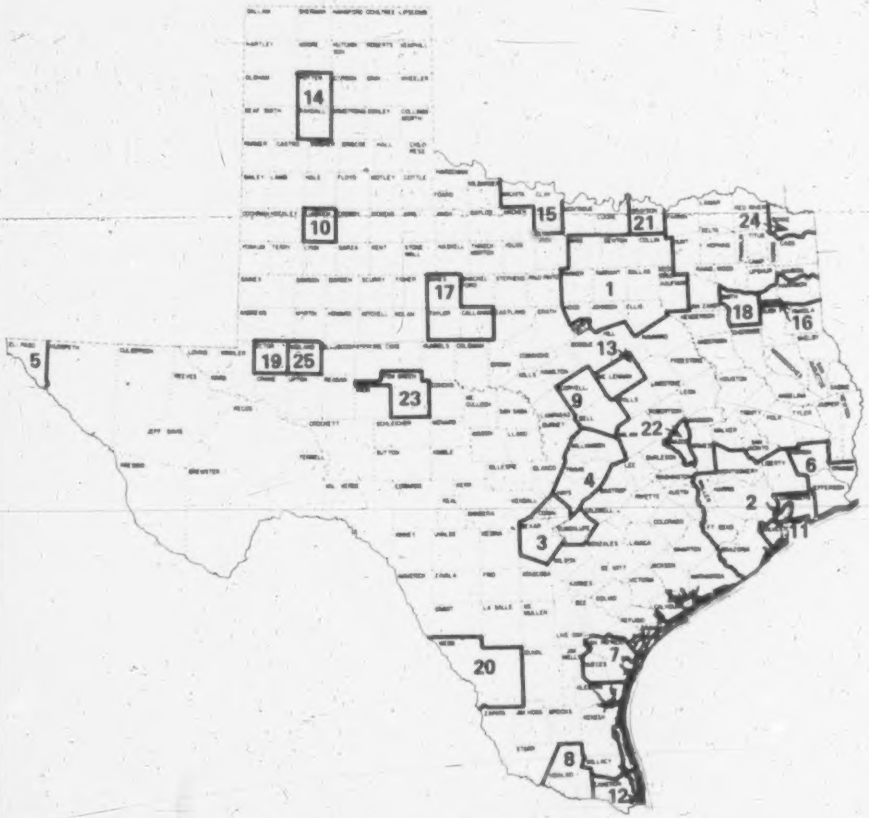
STANDARD METROPOLITAN STATISTICAL AREAS OF TEXAS

Composite tables
Individual SMSA's

N/A or NA – information is not available.
na – information is not applicable to the category
for the time period specified.

FIGURE VIII-1

Standard Metropolitan Statistical Areas of Texas



County Composition of
Standard Metropolitan Statistical Areas (SMSA's)[1]
of Texas

1. Dallas–Fort Worth
    - Collin
    - Dallas
    - Denton
    - Ellis
    - Hood
    - Johnson
    - Kaufman
    - Parker
    - Rockwall
    - Tarrant
    - Wise
2. Houston
    - Brazoria
    - Fort Bend
    - Harris
    - Liberty
    - Montgomery
    - Waller
3. San Antonio
    - Bexar
    - Comal
    - Guadalupe
4. Austin
    - Hays
    - Travis
    - Williamson
5. El Paso
    - El Paso
6. Beaumont–Port Arthur–Orange
    - Hardin
    - Jefferson
    - Orange
7. Corpus Christi
    - Nueces
    - San Patricio
8. McAllen–Pharr–Edinburg
    - Hidalgo
9. Killeen–Temple
    - Bell
    - Coryell
10. Lubbock
    - Lubbock
11. Galveston–Texas City
    - Galveston
12. Brownsville–Harlingen–San Benito
    - Cameron
13. Waco
    - McLennan
14. Amarillo
    - Potter
    - Randall
15. Wichita Falls
    - Clay
    - Wichita
16. Longview–Marshall
    - Gregg
    - Harrison
17. Abilene
    - Callahan
    - Jones
    - Taylor
18. Tyler
    - Smith
19. Odessa
    - Ector
20. Laredo
    - Webb
21. Sherman–Denison
    - Grayson
22. Bryan–College Station
    - Brazos
23. San Angelo
    - Tom Green
24. Texarkana, Tx.
    - Bowie
25. Midland
    - Midland

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[1] The current definition of SMSA requires that each SMSA must include:
1) One with 50,000 or more inhabitants, or
2) A city with at least 25,000 inhabitants, which, together with contiguous places (incorporated or unincorporated) having population densities of at least 1,000 persons per square mile, has a combined population of 50,000 and constitutes for general economic and social purposes a single community, provided that the county or counties in which the city and contiguous places are located has a total population of at least 75,000.

Source: U.S. Bureau of the Census, *Statistical Abstract of the United States*, 1979, p. 935.

TABLE VIII-1

Texas SMSA[1] Ranking By Population And Net Migration

	Rank By Population 1977	Rank By Net Migration 1970-77
Dallas-Ft. Worth	1	2
Houston	2	1
San Antonio	3	4
Austin	4	3
El Paso	5	5
Beaumont-Port Arthur-Orange	6	23
Corpus Christi	7	25
McAllen-Pharr-Edinburg	8	7
Killeen-Temple	9	6
Lubbock	10	15
Galveston-Texas City	11	8
Brownsville-Harlingen-San Benito	12	10
Waco	13	11
Amarillo	14	14
Wichita Falls	15	24
Longview-Marshall	16	13
Abilene	17	17
Tyler	18	12
Odessa	19	16
Laredo	20	21
Sherman-Denison	21	22
Bryan-College Station	22	9
San Angelo	23	18
Texarkana, Tx.	24	20
Midland	25	19

Source: U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 867.

TABLE VIII-2

Texas SMSA Population — Age Profiles, December 1977

	Age Group (Percentage Of Population)					Median	Median
	0-17	18-24	25-34	35-49	50 And over	Age, Male	Age, Female
Abilene	28.4%	15.3%	13.9%	15.2%	27.2%	27.6	31.4
Amarillo	30.1	14.1	16.2	17.3	22.3	27.6	29.5
Austin	28.2	20.9	17.4	13.8	19.7	24.9	26.2
Beaumont-Port Arthur-Orange	30.9	12.2	14.7	17.8	24.3	28.7	30.6
Brownsville-Harlingen-San Benito	41.1	11.4	12.3	14.2	21.1	22.0	24.7
Bryan-College Station	26.7	26.9	15.9	11.7	18.8	23.1	27.0
Corpus Christi	35.4	13.2	15.0	16.4	20.0	25.0	26.8
Dallas-Ft. Worth	30.0	13.6	18.3	16.8	21.3	27.8	29.2
El Paso	38.3	15.6	14.9	15.4	15.7	22.5	24.2
Galveston-Texas City	30.9	11.5	15.9	18.0	23.7	29.1	30.4
Houston	32.3	12.9	18.2	17.4	19.2	27.2	28.0
Killeen-Temple	30.9	28.9	14.5	11.2	14.5	22.4	23.3
Laredo	41.8	12.5	12.2	13.7	19.8	20.5	24.3
Longview-Marshall	29.3	11.9	14.1	16.0	28.7	29.6	32.8
Lubbock	30.9	20.3	15.8	14.7	18.4	24.1	25.4
McAllen-Pharr-Edinburg	40.9	12.9	12.4	14.1	19.6	21.8	23.9
Midland	34.3	9.5	15.4	21.1	19.8	28.5	29.6
Odessa	33.7	11.9	16.6	19.3	18.5	27.5	27.9
San Angelo	28.6	15.4	14.2	15.2	26.6	26.9	31.5
San Antonio	34.5	14.8	14.2	15.4	21.1	23.9	27.5
Sherman-Denison	26.6	12.7	14.7	15.5	30.6	30.4	34.3
Texarkana, Tx	29.2	11.0	14.6	16.0	29.1	30.5	32.9
Tyler	29.8	11.6	14.4	16.2	28.0	29.7	32.2
Waco	27.4	14.0	12.8	15.9	29.9	30.0	33.4
Wichita Falls	29.0	15.8	14.0	16.2	25.0	25.8	31.1
Total Metropolitan	32.0	14.3	16.5	16.3	20.9	26.2	28.2
Non-Metropolitan	29.0	11.0	12.4	14.8	32.7	NA	NA
Total	31.4	13.7	15.6	16.0	23.3	27.0	29.3

Percentages may not add to 100 due to rounding.

Source: Sales and Marketing Management, *Survey of Buying Power Data Service*, 1978. Calculated by Bureau of Business Research.

TABLE VIII-3

Population Components Of Change In Texas SMSA's: 1970-1977

	Births -	Deaths +	Net Migration =	Change*
Abilene	15,400	8,500	1,600	8,500
Amarillo	18,900	8,900	2,900	12,900
Austin	52,400	19,900	74,800	107,300
Beaumont-Port Arthur-Orange	40,000	22,000	-1,200	16,800
Brownsville-Harlingen-San Benito	32,500	8,600	12,200	36,100
Bryan-College Station	8,400	3,100	10,200	15,500
Corpus Christi	46,000	15,200	-12,900	17,900
Dallas-Ft. Worth	312,600	136,700	119,600	295,500
El Paso	67,900	16,800	25,900	77,000
Galveston-Texas City	21,000	10,800	15,000	25,200
Houston	301,400	108,800	310,700	503,300
Killeen-Temple	34,900	8,500	21,900	48,300
Laredo	16,200	3,900	100	12,400
Longview-Marshall	15,200	9,700	5,200	10,700
Lubbock	26,700	9,100	3,200	20,800
McAllen-Pharr-Edinburg	44,400	9,900	18,100	52,600
Midland	8,200	3,200	2,000	7,000
Odessa	13,000	4,400	1,500	10,100
San Angelo	8,900	5,400	2,100	5,600
San Antonio	136,900	51,000	49,000	134,900
Sherman-Denison	8,600	7,000	-700	900
Texarkana, Tx.	8,500	5,200	900	4,200
Tyler	13,000	7,400	9,000	14,600
Waco	17,200	12,000	6,800	12,000
Wichita Falls	16,300	8,300	-5,800	2,200
Total Metropolitan	1,284,600	504,100	672,200	1,452,700
Non-Metropolitan	298,600	210,700	66,300	154,400
TOTAL	1,583,200	714,800	738,500	1,607,100

*Change calculated from Bureau of the Census data.

Source: U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 867.

TABLE VIII-4

Local Government General Revenue

(millions of dollars)

	1967	1977
Abilene	24.4	58.0
Amarillo	44.4	109.9
Austin	57.8	259.7
Beaumont-Port Arthur-Orange	112.0	216.0
Brownsville-Harlingen-San Benito	31.6	111.7
Bryan-College Station	7.7	28.7
Corpus Christi	76.6	234.1
Dallas-Fort Worth	448.7	1,710.0
El Paso	69.7	252.8
Galveston-Texas City	47.6	160.8
Houston	424.0	1,611.0
Killeen-Temple	21.4	77.1
Laredo	14.1	58.1
Longview	29.3	81.8
Lubbock	33.6	107.3
McAllen-Pharr-Edinburg	42.3	148.4
Midland	17.0	38.7
Odessa	27.9	64.1
San Angelo	13.0	35.9
San Antonio	153.6	577.0
Sherman-Denison	15.4	47.8
Texarkana	12.2	38.2
Tyler	20.2	55.0
Waco	28.5	82.7
Wichita Falls	31.3	72.0

Source: U.S. Bureau of the Census, Census of Governments, *Local Governments in Metropolitan Areas*, 1967 Vol. V, 1977 Vol. V, and *State Reports* 1967 Vol. VII #43.

TABLE VIII-5

Local Government Direct General Expenditures

(millions of dollars)

	1967	1977
Abilene	25.0	53.8
Amarillo	46.2	107.1
Austin	70.1	279.1
Beaumont-Port Arthur-Orange	113.1	222.1
Brownsville-Harlingen-San Benito	32.6	105.7
Bryan-College Station	9.9	29.2
Corpus Christi	82.6	213.0
Dallas-Fort Worth	502.0	1,699.7
El Paso	74.2	233.0
Galveston-Texas City	50.6	158.0
Houston	487.0	1,705.4
Killeen-Temple	20.8	76.7
Laredo	13.9	59.0
Longview	31.7	85.6
Lubbock	36.0	105.7
McAllen-Pharr-Edinburg	43.5	141.6
Midland	17.1	37.8
Odessa	25.7	66.9
San Angelo	17.0	36.2
San Antonio	173.7	605.6
Sherman-Denison	16.2	46.0
Texarkana	13.4	32.7
Tyler	20.0	60.4
Waco	27.0	76.9
Wichita Falls	29.0	64.6

Source: U.S. Bureau of the Census, Census of Governments, *Local Governments in Metropolitan Areas*, 1967 Vol. V, 1977 Vol. V, and *State Reports* 1967 Vol. VII #43.

TABLE VIII-6

Texas SMSA Mass Transit 1974-1978[1]

	1974		1976		1978		% Change 1974-1976		% Change 1976-1978		Total % Change 1974-1978	
	Passengers	Vehicle Miles	Passengers	Vehicle Miles	Passengers	Vehicle Miles	Passengers	Vehicle Miles	Passengers	Vehicle Miles	Passengers	Vehicle Miles
Abilene	164,000	230,000	181,908	234,064	288,750	317,669	10.9	1.8	58.7	35.7	76.1	38.1
Amarillo	1,193,000	895,000	996,994	838,219	626,547	845,190	-16.4	-6.3	-37.1	0.8	-47.5	-5.6
Austin	5,662,000	2,520,000	6,066,771	2,543,760	6,016,524	2,844,565	7.1	0.9	-0.8	11.8	6.3	12.9
Beaumont	1,094,000	575,000	1,126,018	697,468	1,238,641	561,414	2.9	21.3	10.0	-19.5	13.2	-2.4
Brownsville[2]	680,000	283,000	382,665	274,042	801,146	488,211	-43.7	-3.2	109.4	78.2	17.8	72.5
Corpus Christi	2,029,000	1,284,000	1,505,819	1,333,819	1,810,691	1,279,983	-25.8	3.9	20.2	-4.0	-10.8	-0.3
Dallas	30,192,000	13,961,000	29,344,179	12,614,822	32,918,560	13,818,451	-2.8	-9.6	12.2	9.5	9.0	-1.02
El Paso[3]	9,892,000	3,940,000	9,561,667	4,119,120	8,696,204	3,983,601	-3.3	4.5	-9.1	-3.3	-12.1	1.1
Ft. Worth	4,747,000	2,957,000	4,506,969	2,949,792	5,205,118	3,089,734	-5.1	-0.2	15.5	4.7	9.7	4.5
Galveston	1,412,000	518,000	1,077,341	514,254	1,341,083	533,370	-23.7	-0.7	24.5	3.7	-5.0	2.3
Houston[4]	32,715,000	13,469,000	37,355,400	14,783,429	43,252,180	16,908,385	14.2	9.8	15.8	14.4	32.2	25.5
Laredo[5]	2,535,000	754,000	976,026	283,127	2,787,304	734,265	-61.5	-62.5	185.6	159.3	10.0	-2.6
Lubbock[6]	448,000	556,000	2,586,283	794,168	2,323,646	985,059	477.3	42.8	-10.2	24.0	418.7	77.2
San Angelo	205,000	251,000	196,871	241,508	281,801	272,549	-4.0	3.8	43.1	12.9	37.5	8.6
San Antonio	22,812,000	6,934,000	24,419,396	7,364,024	27,840,099	13,563,609	7.0	6.2	14.0	84.2	22.0	95.6
Waco	779,000	585,000	714,974	480,395	566,372	482,161	-8.2	-17.9	-20.8	0.4	-27.3	-17.6
Wichita Falls	317,000	314,000	308,583	291,010	257,901	291,765	-2.7	-7.3	-16.4	0.3	-18.6	-7.1

[1] Figures include regular and transfer passengers.

[2] The City of Brownsville acquired two private systems in 1978 to form a public system.

[3] Prior to 1977, the El Paso system was privately owned.

[4] Figures are estimated for the last three months of 1978.

[5] 1974 figures estimated. Figures for 1976 reflect only the last six months of the year when the system was public.

[6] Beginning in 1975, these figures include the city operated university shuttle bus system.

Source: State Department of Highways and Public Transportation. *Texas Transit Statistics* (1977 and 1978) Texas Mass Transportation Commission. *Texas Transit Operations* (1974).

ABILENE

2,724 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	N/A	N/A	29,451	161,640	37,566	328,897
Agriculture, etc.			99D	500D	B	D
Mining			1,442	11,488	2,559	38,806
Construction			2,187	13,876	2,769	29,365
Manufacturing			5,194	30,532D	I	D
Transportation, etc.			2,388	18,004	3,248	38,368
Wholesale Trade			2,330	15,000	3,142	35,885
Retail Trade			7,320	30,472	8,444	52,709
Finance, etc.			1,589	9,936	1,916	19,030
Services			6,705	30,984	9,291	65,062

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499

F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999

D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	128,306	122,164	130,600
Percent of State Population:	1.3	1.1	1.0

Persons per Square Mile:	48
Ranking by Population:	17
Ranking by Net Migration:	17

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	28.4	15.3	13.9	15.2	27.2

Median Age:
Male: 27.6
Female: 31.4

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	164,000	181,000	181,908	254,402	288,750
Vehicle Miles (Regular Route, Charter and Other)	230,000	222,000	234,064	277,705	317,669
Average No. Of Total Serviceable Buses			12	12	12
Average No. Of Employees			NA	13	15
Total Operating Revenue (Farebox, Charter, Other)			$ 49,803	$ 49,662	$ 47,965
Total Operating Expense			$181,753	$181,355	$240,862
Net Public Operating Cost			$131,950	$131,693	$192,897
Public Capital Cost (Federal, State, Local)			-0-	-0-	-0-
Total Public Expense			$131,950	$131,693	$192,897

[1] In 1974 and 1975 only passenger and mileage data were published.

COMPONENTS OF CHANGE — 1970-1977

Births:	15,400
Deaths:	− 8,500
Net Migration:	+ 1,600
Net Change:	+ 8,500

AMARILLO

1,812 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	32,323	137,524	41,147	246,272	56,099	538,439
Agriculture, etc.	152	584	300	1,752	E	D
Mining	928	6,424	D	D	F	D
Construction	3,196	14,408	3,153	23,324	4,867	55,625
Manufacturing	3,590	17,780	5,686	38,172	7,908	94,096
Transportation, etc.	4,113	23,124	3,629	33,452	5,691	77,533
Wholesale Trade	4,371	21,824	5,600	39,920	6,718	76,051
Retail Trade	7,956	26,580	10,170	45,080	14,287	94,489
Finance, etc.	2,515	11,104	2,932	19,672	3,668	36,270
Services	5,259	14,988	8,645	36,420	11,544	84,005

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	1,193,000	1,255,000	996,994	670,928	626,647[2]
Vehicle Miles (Regular Route, Charter and Other)	895,000	802,000	838,219	893,099	845,190
Average No. Of Total Serviceable Buses			28	36	35
Average No. Of Employees			NA	42	40
Total Operating Revenue (Farebox, Charter, Other)			$245,454	$268,606	$251,876
Total Operating Expense			$583,246	$697,588	$756,273
Net Public Operating Cost			$337,792	$428,982	$504,397
Public Capital Cost (Federal, State, Local)			-0-	$258,369	$152,670
Total Public Expense			$337,792	$687,351	$657,067

[1] In 1974 and 1975 only passenger and mileage data were published.
[2] Estimated for the last 2 months of 1978.

POPULATION

	1960	1970	1977
Total Population:	149,493	144,396	157,300
Percent of State Population:	1.6	1.3	1.2

Persons per Square Mile:	87
Ranking by Population:	14
Ranking by Net Migration:	14

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	30.1	14.1	16.2	17.3	22.3

Median Age: Male: 27.6
Female: 29.5

COMPONENTS OF CHANGE — 1970-1977

Births:	18,900
Deaths:	− 8,900
Net Migration:	+ 2,900
Net Change:	+ 12,900

AUSTIN

2,766 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	52,768	168,108	93,363	533,428	134,804	1,228,593
Agriculture, etc.	183	376	297	1,228	53F	131D
Mining	791	2,936	2,250D	1,728D	362C	4,689D
Construction	6,654	23,628	10,988	69,356	11,547	121,126
Manufacturing	7,418	27,820	12,851	94,672	24,104	293,594
Transportation, etc.	2,962	12,896	4,550	33,444	6,381	78,579
Wholesale Trade	3,106	13,060	5,198	38,108	7,238	88,213
Retail Trade	15,381	38,140	24,888	103,864	37,122	224,125
Finance, etc.	4,236	17,656	8,815	56,528	12,089	124,758
Services	11,516	30,356	24,589	129,880	34,777	284,586

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	267,114	360,463	467,900
Percent of State Population:	2.8	3.2	3.7

Persons per Square Mile:	169
Ranking by Population:	4
Ranking by Net Migration:	3

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	28.2	20.9	17.4	13.8	19.7

Median Age:
Male: 24.9
Female: 26.2

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	5,662,000	5,031,000	6,066,771	6,199,344	6,016,524
Vehicle Miles (Regular Route, Charter and Other)	2,520,000	2,517,000	2,543,760	2,887,674	2,844,565
Average No. Of Total Serviceable Buses			61	68	75
Average No. Of Employees			NA	182	192
Total Operating Revenue (Farebox, Charter, Other)			$ 955,303	$1,115,976	$1,022,067
Total Operating Expense			$2,592,850	$3,141,218	$3,649,372
Net Public Operating Cost			$1,637,547	$2,025,242	$2,627,305
Public Capital Cost (Federal, State, Local)			-0-	$ 11,920	$2,117,147
Total Public Expense			$1,637,547	$2,037,162	$4,744,452

[1] In 1974 and 1975 only passenger and mileage data were published.

COMPONENTS OF CHANGE — 1970-1977

Births:	52,400
Deaths:	− 19,900
Net Migration:	+ 74,800
Net Change:	+107,300

BEAUMONT-PORT ARTHUR-ORANGE

2,207 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	80,043	400,588	99,555	772,840	114,064	1,413,486
Agriculture, etc.	123	372	D	D	263	2,428
Mining	2,533	15,852	2,270	25,652	879	11,658
Construction	6,925	36,744	7,641	65,304	11,120	149,803
Manufacturing	31,173	208,800	44,194	387,756	38,504	696,141
Transportation, etc.	7,878	37,904	9,775	78,948	8,559	116,807
Wholesale Trade	4,162	20,632	4,876	36,824	6,503	75,574
Retail Trade	13,755	40,048	18,455	81,672	23,809	160,569
Finance, etc.	3,218	13,572	4,177	27,936	4,707	44,663
Services	9,944	25,992	15,128	65,528	19,611	154,772

[1] 1st Quarter Annualized

A = 0- 19
B = 20- 99
C = 100- 249
E = 250- 499
F = 500-999
G = 1,000-2,499
H = 2,500-4,999
I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT (Beaumont)[2]

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	1,094,000	1,148,000	1,126,018	1,293,266	1,238,641
Vehicle Miles (Regular Route, Charter and Other)	575,000	570,000	697,468	588,047	561,414
Average No. Of Total Serviceable Buses			18	25	25
Average No. Of Employees			NA	35	36
Total Operating Revenue (Farebox, Charter, Other)			$ 263,349	$ 272,984	$264,035
Total Operating Expense			$ 664,228	$ 635,406	$661,958
Net Public Operating Cost			$ 400,879	$ 362,422	$397,923
Public Capital Cost (Federal, State, Local)			$1,661,764	$ 815,253	-0-
Total Public Expense			$2,062,643	$1,177,675	$397,923

[1] In 1974 and 1975 only passenger and mileage data were published.

[2] Port Arthur obtained a transit system in December 1979.

POPULATION

	1960	1970	1977
Total Population:	330,645	345,939	364,400
Percent of State Population:	3.5	3.1	2.8

Persons per Square Mile: 165
Ranking by Population: 6
Ranking by Net Migration: 23

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	30.9	12.2	14.7	17.8	24.3

Median Age:
Male: 28.7
Female: 30.6

COMPONENTS OF CHANGE — 1970-1977

Births: 40,000
Deaths: − 22,000
Net Migration: + 1,200
Net Change: + 16,800

BROWNSVILLE-HARLINGEN-SAN BENITO

896 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	21,612	61,764	30,459	142,528	38,592	301,386
Agriculture, etc.	731	2,236	1,138	5,940	233	2,285
Mining	53	264	91	788	99	985
Construction	1,839	6,836	1,949	9,960	2,245	18,827
Manufacturing	4,761	13,340	6,408	31,664	8,545	77,105
Transportation, etc.	1,919	7,312	2,540	15,656	2,453	26,611
Wholesale Trade	2,028	6,608	2,728	13,444	4,181	36,715
Retail Trade	6,249	14,600	8,612	35,404	11,377	67,475
Finance, etc.	1,009	3,672	1,462	7,752	2,435	20,481
Services	2,883	6,596	5,285	21,116	6,895	50,213

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT (Brownsville)[3]

	1974[1]	1975[1]	1976	1977	1978[2]
Passengers (Regular and Transfer)	680,000	411,000	382,655	465,451	801,146
Vehicle Miles (Regular Route, Charter and Other)	283,000	277,000	274,042	388,603	488,211
Average No. Of Total Serviceable Buses			10	13	17
Average No. Of Employees			NA	18	41
Total Operating Revenue (Farebox, Charter, Other)			$158,097	$202,420	$208,077
Total Operating Expense			$141,473	$202,582	$290,598
Net Public Operating Cost			NA	NA	$ 82,521
Public Capital Cost (Federal, State, Local)			NA	NA	$155,151
Total Public Expense			NA	NA	$237,672
Profit			$16,624		
Deficit				$ 162	

[1] In 1974 and 1975 only passenger and mileage data were published.

[2] The City of Brownsville acquired two private transit companies (July and September, 1978) to form a public system. Public figures for 7/13/78 through 12/31/78 are: Passengers 460,236; Vehicle Miles 204,224; Serviceable Buses 17; and Employees 59.

[3] The Harlingen-San Benito area is served by a private intercity bus operation with limited intracity service for which operating data is not available.

POPULATION

	1960	1970	1977
Total Population:	151,098	140,368	176,600
Percent of State Population:	1.6	1.3	1.4

Persons per Square Mile:	197
Ranking by Population:	12
Ranking by Net Migration:	10

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	41.1	11.4	12.3	14.2	21.1

Median Age: Male: 22.0
Female: 24.7

COMPONENTS OF CHANGE — 1970-1977

Births:	32,500
Deaths:	− 8,500
Net Migration:	+ 12,200
Net Change:	+ 36,100

BRYAN-COLLEGE STATION

586 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	N/A	N/A	11,169	58,492	15,485	119,203
Agriculture, etc.			146	516	B	D
Mining			D	D	B	D
Construction			1,480	10,212	2,127	17,237
Manufacturing			2,244	13,048	2,189	22,138
Transportation, etc.			595	3,676	785	7,242
Wholesale Trade			461	2,900	899	8,813
Retail Trade			3,046	12,424	4,761	29,023
Finance, etc.			636	4,716	955	9,006
Services			2,464	10,516	3,604	24,650

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	44,895	57,978	73,500
Percent of State Population:	0.5	0.5	0.6

Persons per Square Mile:	125
Ranking by Population:	22
Ranking by Net Migration:	9

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	26.7	26.9	15.9	11.7	18.8

Median Age:
Male: 23.1
Female: 27.0

PUBLIC TRANSIT

The Bryan-College Station area has no transit system, other than the Texas A&M shuttle bus system.

COMPONENTS OF CHANGE — 1970-1977

Births:	8,400
Deaths:	− 3,100
Net Migration:	+ 10,200
Net Change:	+ 15,500

CORPUS CHRISTI

1,526 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	49,923	207,440	70,080	439,704	75,531	756,762
Agriculture, etc.	258	748	454	2,320	369	3,662
Mining	3,919	22,920	4,460	42,604	2,974	45,430
Construction	4,915	20,008	9,066	59,108	8,263	81,417
Manufacturing	10,086	58,244	9,832	91,076	12,580	187,461
Transportation, etc.	4,268	20,240	4,853	35,556	5,543	74,195
Wholesale Trade	3,693	17,080	5,908	44,872	5,850	67,900
Retail Trade	11,960	35,400	17,341	73,084	18,686	124,573
Finance, etc.	2,740	11,400	4,400	28,364	4,743	44,769
Services	7,751	20,388	13,262	60,304	16,413	125,813

[1] 1st Quarter Annualized

A = 0- 19
B = 20- 99
C = 100- 249
E = 250- 499
F = 500-999
G = 1,000-2,499
H = 2,500-4,999
I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	266,594	284,832	302,800
Percent of State Population:	2.8	2.5	2.3

Persons per Square Mile:	198
Ranking by Population:	7
Ranking by Net Migration:	25

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	35.4	13.2	15.0	16.4	20.0

Median Age:
Male: 25.0
Female: 26.8

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	2,029,000	1,768,000	1,505,819	1,950,384	1,810,691
Vehicle Miles (Regular Route, Charter and Other)	1,284,000	1,317,000	1,333,819	1,475,713	1,279,983
Average No. Of Total Serviceable Buses			47	49	48
Average No. Of Employees			NA	82	79
Total Operating Revenue (Farebox, Charter, Other)			$ 507,738	$ 905,922	$1,059,454
Total Operating Expense			$1,223,726	$1,697,440	$1,923,037
Net Public Operating Cost			$ 715,988	$ 791,518	$ 863,583
Public Capital Cost (Federal, State, Local)			$ 910,790	$ 116,008	$ 65,752
Total Public Expense			$1,626,778	$ 907,526	$ 929,335

[1] In 1974 and 1975 only passenger and mileage data were published.

COMPONENTS OF CHANGE — 1970-1977

Births:	46,000
Deaths:	− 15,200
Net Migration:	+ 12,900
Net Change:	+ 17,900

DALLAS-FORT WORTH

8,360 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962[2]		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	532,014	2,379,532	858,558	6,229,552	1,061,465	11,927,375
Agriculture, etc.	1,030	2,472	534D	2,432D	2,425	18,472
Mining	11,372D	79,148D	10,133	112,136D	13,736	265,796
Construction	34,778	141,880	65,104	475,848	69,644	867,589
Manufacturing	159,232	847,512	233,304	1,962,992	288,878	3,742,219
Transportation, etc.	42,342	237,316	12,222D	110,076D	77,172	1,192,373
Wholesale Trade	51,925	287,584	81,771	752,856	93,448	1,326,251
Retail Trade	106,443	322,928	174,011	858,944	216,608	1,636,656
Finance, etc.	44,489	205,536	75,836	566,208	92,806	1,076,042
Services	76,422	243,928	148,940	842,212	204,782	1,782,011

[1] 1st Quarter Annualized

[2] Includes Erath and Somervell Counties

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	1,737,960	2,377,979	2,673,200
Percent of State Population:	18.1	21.2	20.9

Persons per Square Mile:	320
Ranking by Population:	1
Ranking by Net Migration:	2

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	30.0	13.6	18.3	16.8	21.3

Median Age: Male: 27.8
Female: 29.2

PUBLIC TRANSIT

	1974[1]		1975[1]		1976		1977		1978	
	Dallas	Ft.W.	Dallas	Ft.W.	Dallas	Ft.W.	Dallas	Ft.W.	Dallas	Ft.W.
Passengers (Regular and Transfer)	30,192,000	4,747,000	31,833,000	4,490,000	29,344,179	4,506,969	31,451,152	5,070,943	32,918,560	5,205,118
Vehicle Miles (Regular Route, Charter and Other)	13,961,000	2,957,000	13,187,000	3,077,000	12,614,822	2,949,792	12,824,137	3,040,422	13,818,451	3,089,734
Average No. Of Total Serviceable Buses					429	115	406	106	439	106
Average No. Of Employees					NA	NA	847	215	899	205
Total Operating Revenue (Farebox, Charter, Other)					$10,586,995	$1,631,987	$11,355,341	$2,666,755	$13,201,996	$2,930,431
Total Operating Expense					$16,031,671	$3,377,286	$17,127,635	$3,678,887	$19,319,963	$4,134,836
Net Public Operating Cost					$ 5,444,676	$1,745,299	$ 5,772,294	$1,012,132	$ 6,117,967	$1,204,405
Public Capital Cost (Federal, State, Local)					$ 388,030	-0-	$ 126,149	$ 454,446	$ 5,100,030	$ 41,731
Total Public Expense					$5,832,706	$1,745,299	$ 5,898,443	$1,466,578	$11,217,997	$1,246,136

[1] In 1974 and 1975 only passenger and mileage data were published.

[2] Dallas and Fort Worth maintain separate transit systems.

COMPONENTS OF CHANGE — 1970-1977

Births:	312,600
Deaths:	− 136,700
Net Migration:	+ 119,600
Net Change:	+ 295,500

EL PASO

1,057 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	60,507	231,932	91,969	521,304	110,918	979,240
Agriculture, etc.	87	228	237	968	268	1,666
Mining	293	1,324	84	572	C	D
Construction	5,718	25,536	8,831	50,728	8,859	88,436
Manufacturing	13,692	56,444	25,079	143,724	29,332	260,733
Transportation, etc.	6,788	37,544	7,435	70,368	8,209	124,657
Wholesale Trade	5,307	26,048	7,617	57,148	8,142	90,755
Retail Trade	14,761	42,772	20,798	89,640	27,493	181,366
Finance, etc.	3,310	13,732	5,376	34,700	6,126	59,912
Services	10,239	27,340	16,024	71,760	22,212	168,027

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977[2]	1978
Passengers (Regular and Transfer)	9,892,000	9,609,000	9,561,667	8,843,284	8,696,204
Vehicle Miles (Regular Route, Charter and Other)	3,940,000	4,045,000	4,119,120	3,839,350	3,983,601
Average No. Of Total Serviceable Buses			92	89	89
Average No. Of Employees			NA	220	245
Total Operating Revenue (Farebox, Charter, Other)			$2,710,724	$2,725,091	$2,875,613
Total Operating Expense			$2,722,832	$2,769,224	$4,064,834
Net Public Operating Cost			NA	$ 44,133	$1,189,221
Public Capital Cost (Federal, State, Local)			NA	$2,227,643	$7,415,856
Total Public Expense			NA	$2,271,776	$8,605,077
Deficit			$ 12,108		

[1] In 1974 and 1975 only passenger and mileage data were published.

[2] Prior to 1977, the El Paso system was privately owned.

POPULATION

	1960	1970	1977
Total Population:	314,070	359,291	436,300
Percent of State Population:	3.3	3.2	3.4

Persons per Square Mile:	413
Ranking by Population:	5
Ranking by Net Migration:	5

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	38.3	15.6	14.9	15.4	15.7

Median Age: Male: 22.5
Female: 24.2

COMPONENTS OF CHANGE — 1970-1977

Births:	67,900
Deaths:	– 16,800
Net Migration:	+ 25,900
Net Change:	+ 77,000

GALVESTON-TEXAS CITY

399 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	35,241	155,932	39,152	287,272	45,596	514,306
Agriculture, etc.	218	692	149	724	83	480
Mining	249	1,172	608	6,356	167	2,227
Construction	2,786	13,336	2,854	26,464	3,725	47,764
Manufacturing	10,288	70,472	11,709	126,208	11,586	210,926
Transportation, etc.	6,687	22,680	4,532	27,664	5,449	55,849
Wholesale Trade	1,300	6,056	1,168	8,472	1,549	19,509
Retail Trade	6,062	17,260	8,078	37,240	10,637	70,146
Finance, etc.	2,552	10,116	3,691	25,788	4,613	41,965
Services	4,863	13,504	6,225	27,716	7,736	64,827

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	140,364	169,812	195,000
Percent of State Population:	1.5	1.5	1.5

Persons per Square Mile: 489
Ranking by Population: 11
Ranking by Net Migration: 8

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	30.9	11.5	15.9	18.0	23.7

Median Age:
Male: 29.1
Female: 30.4

PUBLIC TRANSIT (Galveston)[2]

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	1,412,000	1,095,000	1,077,341	1,224,627	1,341,083
Vehicle Miles (Regular Route, Charter and Other)	518,000	461,000	514,254	509,862	533,370
Average No. Of Total Serviceable Buses			13	15	15
Average No. Of Employees			NA	54	32
Total Operating Revenue (Farebox, Charter, Other)			$391,526	$377,993	$371,111
Total Operating Expense			$594,902	$619,160	$647,196
Net Public Operating Cost			$203,376	$241,167	$276,085
Public Capital Cost (Federal, State, Local)			$ 45,401	$ 48,016	$ 3,182
Total Public Expense			$248,777	$289,183	$279,267

[1] In 1974 and 1975 only passenger and mileage data were published.
[2] Texas City has no transit system.

COMPONENTS OF CHANGE — 1970-1977

Births: 21,000
Deaths: − 10,800
Net Migration: + 15,000
Net Change: + 25,200

HOUSTON

6,794 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962[2]		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	414,270	2,035,464	722,339	5,537,640	1,004,720	12,822,360
Agriculture, etc.	1,149	3,592	2,432	13,564	H	D
Mining	17,743	123,328	24,856D	280,332D	K	D
Construction	40,807	218,872	76,522	681,340	110,303	1,597,919
Manufacturing	107,715	671,612	163,155	1,618,560	209,285	3,387,369
Transportation, etc.	40,840	203,028	61,957	496,488	80,536	1,157,455
Wholesale Trade	40,729	236,060	65,967D	623,852D	91,200	1,403,627
Retail Trade	76,703	246,244	132,378	643,700	181,639	1,377,411
Finance, etc.	25,528	117,220	48,892	363,364	67,776	852,874
Services	60,740	208,112	140,543	786,416	218,462	2,236,331

[1] 1st Quarter Annualized

[2] Includes Grimes County and excludes Waller County

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978[2]
Passengers (Regular and Transfer)	32,715,000	34,512,000	37,355,400	39,863,600	43,252,180
Vehicle Miles (Regular Route, Charter and Other)	13,469,000	15,968,000	14,783,429	16,136,312	16,908,385
Average No. Of Total Serviceable Buses			409	429	500
Average No. Of Employees			NA	1,079	1,227
Total Operating Revenue (Farebox, Charter, Other)			$11,116,814	$11,667,455	$13,292,367
Total Operating Expense			$20,086,093	$25,726,324	$36,333,257
Net Public Operating Cost			$ 8,969,279	$14,058,869	$23,040,890
Public Capital Cost (Federal, State, Local)			$ 244,063	-0-	$14,935,428
Total Public Expense			$ 9,213,342	$14,058,869	$37,976,318

[1] In 1974 and 1975 only passenger and mileage data were published.

[2] The Metropolitan Transit Authority assumed financial responsibility for transit service October 1, 1978; operational control was not taken until January 1, 1979. Data on passenger, vehicle miles, number of vehicles and number of employees is estimated for the last three months of 1978.

POPULATION

	1960	1970	1977
Total Population:	1,420,394	1,999,316	2,502,700
Percent of State Population:	14.8	17.9	19.9

Persons per Square Mile:	368
Ranking by Population:	2
Ranking by Net Migration:	1

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	32.3	12.9	18.2	17.4	19.2

Median Age:
Male: 27.2
Female: 28.0

COMPONENTS OF CHANGE — 1970-1977

Births:	301,400
Deaths:	−108,800
Net Migration:	+310,700
Net Change:	+503,300

KILLEEN-TEMPLE

2,090 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	13,260	38,564	23,519	116,748	31,991	257,752
Agriculture, etc.	73	116	D	D	150	897
Mining	D	D	D	D	102	809
Construction	888	2,844	2,093	11,728	2,997	29,558
Manufacturing	2,840	9,948	4,642	29,716	5,761	55,107
Transportation, etc.	903	3,612	1,292	7,676	1,926	19,922
Wholesale Trade	722	2,216	1,120	6,384	1,650	17,468
Retail Trade	3,922	9,256	6,709	26,036	9,817	58,290
Finance, etc	710	2,208	1,297	6,448	1,802	14,714
Services	3,021	8,032	5,959	26,536	7,739	60,454

[1] 1st Quarter Annualized

A = 0- 19
B = 20- 99
C = 100- 249
E = 250- 499
F = 500-999
G = 1,000-2,499
H = 2,500-4,999
I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	118,058	159,794	208,100
Percent of State Population:	1.2	1.4	1.6

Persons per Square Mile: 100
Ranking by Population: 9
Ranking by Net Migration: 6

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	30.9	28.9	14.5	11.2	14.5

Median Age:
Male: 22.4
Female: 23.3

COMPONENTS OF CHANGE — 1970-1977

Births:	34,900
Deaths:	− 8,500
Net Migration:	+ 21,900
Net Change:	+ 48,300

PUBLIC TRANSIT

The Killeen-Temple area is served by a private intercity bus operation with limited intracity service for which operating data is not available.

LAREDO

3,306 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	8,257	20,452	13,464	58,660	17,719	129,152
Agriculture, etc.	11	24	31	104	19	179
Mining	199	696	53	280	397	5,657
Construction	397	1,072	533	2,228	836	6,966
Manufacturing	771	2,348	1,170	6,416	2,029	13,735
Transportation, etc	1,168	3,676	1,595	8,420	1,952	17,389
Wholesale Trade	631	1,848	992	4,836	1,530	13,241
Retail Trade	3,067	6,848	5,091	19,748	6,588	42,162
Finance, etc	427	1,288	793	4,132	1,003	8,407
Services	1,534	2,580	3,006	11,676	3,301	20,926

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

	1974[1]	1975[1]	1976[2]	1977	1978
Passengers (Regular and Transfer)	2,535,000	2,128,000	976,026	2,444,769	2,787,304
Vehicle Miles (Regular Route, Charter and Other)	754,000	666,000	283,127	657,215	734,265
Average No. Of Total Serviceable Buses			14	18	19
Average No. Of Employees			NA	58	59
Total Operating Revenue (Farebox, Charter, Other)			$148,607	$525,458	$ 600,926
Total Operating Expense			$462,923	$965,757	$1,032,206
Net Public Operating Cost			$314,316	$440,299	$ 431,280
Public Capital Cost (Federal, State, Local)			-0-	-0-	$ 184,650
Total Public Expense			$314,316	$440,299	$ 615,930

[1] In 1974 and 1975 only passenger and mileage data were published. 1974 figures estimated.

[2] For last half of 1976 when the system was public.

POPULATION

	1960	1970	1977
Total Population:	64,791	72,859	85,300
Percent of State Population:	0.7	0.7	0.7

Persons per Square Mile:	26
Ranking by Population	20
Ranking by Net Migration	21

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	41.8	12.5	12.2	13.7	19.8

Median Age:		
	Male:	20.5
	Female:	24.3

COMPONENTS OF CHANGE — 1970-1977

Births:	16,200
Deaths:	– 3,900
Net Migration:	+ 100
Net Change:	+ 12,400

LONGVIEW-MARSHALL

1,176 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	N/A	N/A	36,187	243,044	45,501	474,672
Agriculture, etc.			57	168	B	D
Mining			2,120	19,080	2,392	31,081
Construction			2,675	18,176	2,995	27,639
Manufacturing			12,879	106,992	16,095	212,218
Transportation, etc.			2,219	18,284	2,646	36,312
Wholesale Trade			2,558	18,508	2,921	34,063
Retail Trade			6,951	29,616	9,454	62,432
Finance, etc.			1,494	9,068	2,004	18,391
Services			5,078	22,532	6,850	51,214

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	115,030	120,770	131,500
Percent of State Population:	1.2	1.1	1.0

Persons per Square Mile:	112
Ranking by Population:	16
Ranking by Net Migration:	13

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	29.3	11.9	14.1	16.0	28.7

Median Age:
Male: 26.9
Female: 32.8

PUBLIC TRANSIT

The Longview-Marshall area has a private transit system for which operating data is not available.

COMPONENTS OF CHANGE — 1970-1977

Births:	15,200
Deaths:	− 9,700
Net Migration:	+ 5,200
Net Change:	+ 10,700

LUBBOCK

893 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	35,375	134,360	47,879	275,208	62,494	596,754
Agriculture, etc.	301	760	212	896	401	3,345
Mining	611	3,980	103	676	430	5,043
Construction	3,120	12,020	4,127	28,004	4,760	57,599
Manufacturing	4,749	20,380	6,883	43,200	11,061	127,394
Transportation, etc.	3,461	15,924	3,990	31,168	4,634	60,952
Wholesale Trade	4,417	21,744	5,260	39,368	7,025	83,741
Retail Trade	9,218	29,596	13,180	61,900	16,401	114,546
Finance, etc.	2,169	9,740	3,262	22,004	4,063	40,428
Services	6,939	19,168	10,460	46,356	13,605	102,292

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

	1974[1]	1975[1]	1976[2]	1977[2]	1978[2]
Passengers (Regular and Transfer)	448,000	2,449,000	2,586,283	2,923,920	2,323,646
Vehicle Miles (Regular Route, Charter and Other)	556,000	722,000	794,168	1,250,624	985,059
Average No. Of Total Serviceable Buses			28	39	39
Average No. Of Employees			NA	72	61
Total Operating Revenue (Farebox, Charter, Other)			$319,421	$ 339,688	$388,326
Total Operating Expense			$597,136	$ 970,363	$992,681
Net Public Operating Cost			$277,715	$ 630,675	$604,355
Public Capital Cost (Federal, State, Local)			-0-	$ 698,027	$ 2,083
Total Public Expense			$277,715	$1,328,702	$606,438

[1] In 1974 and 1975 only passenger and mileage data were published.
[2] Figures include statistics from the city operated university shuttle bus system.

POPULATION

	1960	1970	1977
Total Population:	156,271	179,295	200,200
Percent of State Population:	1.6	1.6	1.5

Persons per Square Mile:	224
Ranking by Population:	10
Ranking by Net Migration:	15

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	30.9	20.3	15.8	14.7	18.4

Median Age:
Male: 24.1
Female: 25.4

COMPONENTS OF CHANGE — 1970-1977

Births:	26,700
Deaths:	− 9,100
Net Migration:	+ 3,200
Net Change:	+ 20,800

McALLEN-PHARR-EDINBURG

1,543 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	20,377	58,868	30,347	137,208	42,828	303,597
Agriculture, etc.	425	888	788	3,044	1,028	5,730
Mining	935	4,956	500	3,656	619	8,559
Construction	1,747	4,908	2,651	12,520	3,603	28,778
Manufacturing	2,388	8,132	3,249	17,032	6,117	45,116
Transportation, etc.	1,084	4,392	1,260	9,256	2,224	25,760
Wholesale Trade	3,681	9,892	5,800	26,100	7,913	53,136
Retail Trade	5,875	14,396	9,224	37,564	23,528	76,228
Finance, etc.	1,042	3,564	1,440	7,700	1,984	16,392
Services	3,000	7,312	5,139	19,380	6,677	42,920

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

The McAllen-Pharr-Edinburg area is served by a private intercity bus operation with limited intracity service for which operating data is not available.

POPULATION

	1960	1970	1977
Total Population:	180,904	181,531	234,100
Percent of State Population:	1.9	1.6	1.8

Persons per Square Mile: 152
Ranking by Population: 8
Ranking by Net Migration: 7

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	40.9	12.9	12.4	14.1	19.6

Median Age: Male: 21.8
Female: 23.9

COMPONENTS OF CHANGE — 1970-1977

Births:	44,000
Deaths:	− 9,900
Net Migration:	+ 18,100
Net Change:	+ 52,200

MIDLAND

939 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	N/A	N/A	21,619	165,540	28,116	339,439
Agriculture, etc.			32	72	48	385
Mining			6,460	71,292	6,815	115,297
Construction			857	5,744	2,449	31,275
Manufacturing			1,573	11,368	2,156	27,276
Transportation, etc.			1,648	15,412	2,196	31,750
Wholesale Trade			2,163	18,312	2,432	34,828
Retail Trade			3,844	16,944	5,171	36,903
Finance, etc.			1,106	7,892	1,518	17,002
Services			3,713	17,532	5,278	43,881

[1] 1st Quarter Annualized

A = 0- 19	B = 20- 99	C = 100- 249	E = 250- 499
F = 500-999	G = 1,000-2,499	H = 2,500-4,999	I = 5,000-9,999

D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	67,717	65,433	72,500
Percent of State Population:	0.7	0.6	0.6

Persons per Square Mile:	77
Ranking by Population:	25
Ranking by Net Migration:	19

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	34.3	9.5	15.4	21.1	19.8

Median Age:
Male: 28.5
Female: 29.6

PUBLIC TRANSIT

Midland has no transit system.

COMPONENTS OF CHANGE — 1970-1977

Births:	8,200
Deaths:	− 3,200
Net Migration:	+ 2,000
Net Change:	+ 7,000

ODESSA

907 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	N/A	N/A	27,670	200,020	40,267	419,451
Agriculture, etc.			38	168	67	323
Mining			4,564	40,700	5,053	64,247
Construction			3,314	26,788	4,646	53,053
Manufacturing			3,728	35,732	9,374	96,853
Transportation, etc.			1,956	16,136	1,916	25,230
Wholesale Trade			3,191	26,084	4,109	54,712
Retail Trade			6,048	27,576	8,002	56,213
Finance, etc.			1,097	7,388	1,599	15,187
Services			3,532	18,592	5,455	52,921

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	90,955	91,805	102,800
Percent of State Population:	0.9	0.8	0.8

Persons per Square Mile: 113
Ranking by Population: 19
Ranking by Net Migration: 16

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	33.7	11.9	16.6	19.3	18.5

Median Age:
Male: 27.5
Female: 27.9

PUBLIC TRANSIT

Odessa has no transit system.

COMPONENTS OF CHANGE — 1970-1977

Births: 13,000
Deaths: − 4,400
Net Migration: + 1,500
Net Change: + 10,100

SAN ANGELO

1,500 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	13,042	45,248	18,056	96,728	22,754	191,341
Agriculture, etc.	42	92	82	348	116	747
Mining	515	2,580	265	2,312	821	13,279
Construction	1,057	3,692	1,395	7,700	2,079	17,968
Manufacturing	1,819	7,220	3,411	19,428	4,971	44,931
Transportation, etc.	1,588	6,668	1,794	14,392	840	9,462
Wholesale Trade	1,100	4,652	1,675	10,784	1,508	17,660
Retail Trade	3,420	10,444	4,306	18,624	6,149	39,131
Finance, etc.	724	3,068	994	6,220	1,203	10,657
Services	2,667	6,560	4,023	16,576	5,050	37,021

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	64,630	71,047	76,700
Percent of State Population:	0.7	0.6	0.6

Persons per Square Mile:	51
Ranking by Population:	23
Ranking by Net Migration:	18

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	28.6	15.4	14.2	15.2	26.6

Median Age: Male: 26.9
Female: 31.5

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	205,000	218,000	196,871	268,075	281,801
Vehicle Miles (Regular Route, Charter and Other)	251,000	237,000	241,508	256,381	272,549
Average No. Of Total Serviceable Buses			10	10	10
Average No. Of Employees			NA	12	11
Total Operating Revenue (Farebox, Charter, Other)			$ 47,235	$ 61,783	$ 53,731
Total Operating Expense			$132,554	$188,243	$203,263
Net Public Operating Cost			$ 85,319	$126,460	$149,532
Public Capital Cost (Federal, State, Local)			-0-	-0-	-0-
Total Public Expense			$ 85,319	$126,460	$149,532

[1] In 1974 and 1975 only passenger and mileage data were published.

COMPONENTS OF CHANGE — 1970-1977

Births:	8,900
Deaths:	– 5,400
Net Migration:	+ 2,100
Net Change:	+ 5,600

SAN ANTONIO

2,527 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962[2]		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	138,629	480,364	211,248	1,177,568	262,212	2,333,553
Agriculture, etc.	283	572	585	2,056	F	D
Mining	1,905	10,892	1,830D	14,632D	G	D
Construction	12,766	57,216	19,891	118,356	30,120	328,999
Manufacturing	25,024	101,412	34,753	214,444	38,177	375,971
Transportation, etc.	7,876	36,236	10,858	87,700	13,511	182,099
Wholesale Trade	13,526	61,400	18,123	131,724	J	D
Retail Trade	37,217	97,180	55,370	234,716	68,036	422,627
Finance, etc.	12,161	50,020	18,720	123,912	23,429	225,783
Services	26,865	73,788	49,568	243,880	64,223	513,034

[1] 1st Quarter Annualized

[2] Includes Wilson County

A = 0- 19
B = 20- 99
C = 100- 249
E = 250- 499
F = 500-999
G = 1,000-2,499
H = 2,500-4,999
I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978[2]
Passengers (Regular and Transfer)	22,812,000	23,608,000	24,419,396	24,247,728	27,840,099
Vehicle Miles (Regular Route, Charter and Other)	6,934,000	7,366,000	7,364,024	8,466,719	13,563,609
Average No. Of Total Serviceable Buses			258	277	382
Average No. Of Employees			NA	598	788
Total Operating Revenue (Farebox, Charter, Other)			$5,992,096	$ 8,836,538	$ 7,106,090
Total Operating Expense			$9,975,246	$11,149,901	$18,693,571
Net Public Operating Cost			$3,983,150	$ 2,313,363	$11,587,481
Public Capital Cost (Federal, State, Local)			-0-	-0-	$ 9,834,247
Total Public Expense			$3,983,150	$ 2,313,363	$21,421,728

[1] In 1974 and 1975 only passenger and mileage data were published.

[2] San Antonio Transit became the San Antonio Metropolitan Transit Authority in March of 1978.

POPULATION

	1950	1970	1977
Total Population:	736,012	888,179	1,023,000
Percent of State Population:	7.7	7.9	8.0

Persons per Square Mile:	405
Ranking by Population:	3
Ranking by Net Migration:	4

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	34.5	14.8	14.2	15.4	21.1

Median Age:
Male: 23.9
Female: 27.5

COMPONENTS OF CHANGE — 1970-1977

Births:	136,000
Deaths:	– 51,000
Net Migration:	+ 49,000
Net Change:	+ 134,900

SHERMAN-DENISON

940 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	N/A	N/A	21,545	132,088	24,695	235,142
Agriculture, etc.			28	100	50	277
Mining			224	1,384	70	1,214
Construction			1,271	8,496	1,390	15,004
Manufacturing			9,694	70,232	10,278	117,640
Transportation, etc.			1,053	8,268	1,053	13,095
Wholesale Trade			649	4,120	1,115	10,573
Retail Trade			4,212	18,268	5,156	33,374
Finance, etc.			918	6,160	1,135	10,655
Services			3,345	14,412	4,415	32,952

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	73,043	83,225	84,100
Percent of State Population:	0.8	0.7	0.6

Persons per Square Mile:	89
Ranking by Population:	21
Ranking by Net Migration:	22

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	26.6	12.7	14.7	15.5	30.6

Median Age:
Male: 30.4
Female: 34.3

PUBLIC TRANSIT

The Sherman-Denison area has no transit system.

COMPONENTS OF CHANGE — 1970-1977

Births:	8,600
Deaths:	− 7,000
Net Migration:	− 700
Net Change:	+ 900

TEXARKANA, TEXAS

891 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	10,324	36,344	18,871	108,936	27,640	249,847
Agriculture, etc.	6	16	151	1,020	B	D
Mining	D	D	D	D	237	2,500
Construction	817	2,360	1,470	10,464	G	D
Manufacturing	3,368	14,936	6,040	39,740	7,559	87,975
Transportation, etc.	687	3,224	2,256	8,596	1,420	17,899
Wholesale Trade	729	3,088	1,812	11,232	2,180	21,739
Retail Trade	2,240	5,848	4,186	18,484	6,562	41,217
Finance, etc.	530	1,952	825	5,124	1,438	13,125
Services	1,591	3,708	3,101	13,340	6,145	44,128

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

POPULATION

	1960	1970	1977
Total Population:	59,971	67,813	73,200
Percent of State Population:	0.6	0.6	0.1

Persons per Square Mile:	82
Ranking by Population:	24
Ranking by Net Migration:	20

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	29.2	11.0	14.6	16.0	29.1

Median Age:
Male: 30.5
Female: 32.9

PUBLIC TRANSIT

Texarkana has no transit system.

COMPONENTS OF CHANGE — 1970-1977

Births:	8,500
Deaths:	− 5,200
Net Migration:	+ 900
Net Change:	+ 4,200

TYLER

934 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	19,827	76,048	32,154	199,620	40,169	382,844
Agriculture, etc.	82	256	131	492	92	540
Mining	1,478	8,216	1,201	11,284	1,595	23,148
Construction	1,508	4,732	1,870	10,976	2,322	23,449
Manufacturing	6,179	26,832	12,016	86,860	12,265	147,179
Transportation, etc.	1,231	6,284	1,582	12,744	1,739	21,912
Wholesale Trade	1,451	5,964	2,377	15,696	2,548	25,477
Retail Trade	3,485	10,400	5,705	24,624	8,348	55,631
Finance, etc.	1,284	5,072	1,786	11,568	2,077	21,502
Services	2,947	7,900	5,355	24,768	9,137	63,567

[1] 1st Quarter Annualized

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F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
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POPULATION

	1960	1970	1977
Total Population:	86,350	97,096	111,700
Percent of State Population:	0.9	0.9	0.9

Persons per Square Mile:	120
Ranking by Population:	18
Ranking by Net Migration:	12

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	29.8	11.6	14.4	16.2	28.0

Median Age:
Male: 29.7
Female: 32.2

PUBLIC TRANSIT

Tyler has a private transit system for which data is not available.

COMPONENTS OF CHANGE — 1970-1977

Births:	13,000
Deaths:	− 7,400
Net Migration:	+ 9,000
Net Change:	+ 14,600

WACO

1,000 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	**Payroll[1] ($1,000)**	**Employees**	**Payroll[1] ($1,000)**	**Employees**	**Payroll ($1,000)**
Total	31,999	116,592	42,861	250,380	50,429	452,686
Agriculture, etc.	167	404	120	440	116	636
Mining	146	500	95	636	137	1,305
Construction	2,352	8,076	3,123	20,164	3,173	31,026
Manufacturing	9,332	42,912	12,407	85,324	14,753	158,503
Transportation, etc.	1,925	9,700	2,249	19,880	2,783	34,752
Wholesale Trade	2,214	9,728	3,344	23,620	3,642	38,098
Retail Trade	7,985	20,836	9,395	39,856	10,654	66,919
Finance, etc.	2,195	9,204	2,841	19,496	3,638	34,972
Services	5,492	14,760	9,053	40,092	11,440	85,817

[1] 1st Quarter Annualized

A = 0- 19 B = 20- 99 C = 100- 249 E = 250- 499
F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
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POPULATION

	1960	1970	1977
Total Population:	150,091	147,533	159,400
Percent of State Population:	1.4	1.3	1.2

Persons per Square Mile:	159
Ranking by Population:	13
Ranking by Net Migration:	11

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	27.4	14.0	12.8	15.9	29.9

Median Age:

Male: 30.0
Female: 33.4

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	779,000	735,000	714,974	650,679	566,372
Vehicle Miles (Regular Route, Charter and Other)	585,000	520,000	480,395	458,389	482,161
Average No. Of Total Serviceable Buses			18	16	16
Average No. Of Employees			NA	32	35
Total Operating Revenue (Farebox, Charter, Other)			$245,383	$213,809	$196,818
Total Operating Expense			$403,716	$548,708	$556,414
Net Public Operating Cost			$158,333	$334,899	$359,596
Public Capital Cost (Federal, State, Local)			-0-	-0-	$ 26,456
Total Public Expense			$158,333	$334,899	$386,052

[1] In 1974 and 1975 only passenger and mileage data were published.

COMPONENTS OF CHANGE — 1970-1977

Births:	17,200
Deaths:	− 12,000
Net Migration:	+ 6,800
Net Change:	+ 12,000

WICHITA FALLS

1,713 Square Miles

EMPLOYMENT AND PAYROLL BY INDUSTRY

	1962		1972		1977	
	Employees	Payroll[1] ($1,000)	Employees	Payroll[1] ($1,000)	Employees	Payroll ($1,000)
Total	N/A	N/A	28,096	152,172	34,117	310,681
Agriculture, etc.			101	236	C	D
Mining			1,841	14,448	H	D
Construction			1,947	11,384	1,949	18,502
Manufacturing			4,870	27,304	7,518	84,704
Transportation, etc.			1,549	12,380	1,999	22,803
Wholesale Trade			2,502	16,984	1,980	20,764
Retail Trade			7,598	33,604	9,096	61,895
Finance, etc			1,667	10,648	1,785	17,234
Services			5,836	24.132	6,881	47,290

[1] 1st Quarter Annualized

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F = 500-999 G = 1,000-2,499 H = 2,500-4,999 I = 5,000-9,999
D = Figures withheld to avoid disclosure of operations of individual establishments.

PUBLIC TRANSIT

	1974[1]	1975[1]	1976	1977	1978
Passengers (Regular and Transfer)	317,000	263,000	308,583	285,886	257,901
Vehicle Miles (Regular Route, Charter and Other)	314,000	289,000	291,010	284,615	291,765
Average No. Of Total Serviceable Buses			10	10	10
Average No. Of Employees			NA	16	17
Total Operating Revenue (Farebox, Charter, Other)			$111,836	$122,526	$113,356
Total Operating Expense			$202,351	$221,323	$271,584
Net Public Operating Cost			$ 90,515	$ 98,797	$158,228
Public Capital Cost (Federal, State, Local)			-0-	-0-	-0-
Total Public Expense			$ 90,515	$ 98,797	$158,228

[1] In 1974 and 1975 only passenger and mileage data were published.

POPULATION

	1960	1970	1977
Total Population:	131,879	129,941	130,900
Percent of State Population:	1.4	1.2	1.0

Persons per Square Mile:	76
Ranking by Population:	15
Ranking by Net Migration:	24

AGE PROFILE BY PERCENT OF POPULATION, DECEMBER 1977 (EST.)

Ages:	0-17	18-25	25-34	35-49	50-over
Percent:	29.0	15.8	14.0	16.2	25.0

Median Age:
Male: 25.8
Female: 31.1

COMPONENTS OF CHANGE — 1970-1977

Births:	16,300
Deaths:	– 8,300
Net Migration:	+ 5,800
Net Change:	+ 2,200

SOURCES FOR SMSA TABLES

POPULATION:
U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 867.
Sales and Marketing Management. *Survey of Buying Power Data Service*, 1978. Calculated by the Bureau of Business Research.

EMPLOYMENT AND PAYROLL:
U.S. Department of Commerce, Bureau of the Census, *County Business Patterns 1962*, *County Business Patterns 1972*, and *County Business Patterns 1977: Standard Metropolitan Statistical Area*.

PUBLIC TRANSIT SYSTEMS:
SDHPT, *Texas Transit Statistics* (1978, 1977, 1976, 1975).
Texas Mass Transportation Commission, *Texas Transit Operations (Statistics and Analysis)* (1974).